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MICHELL'S SEEDS

1928

BULBS

PLANTS



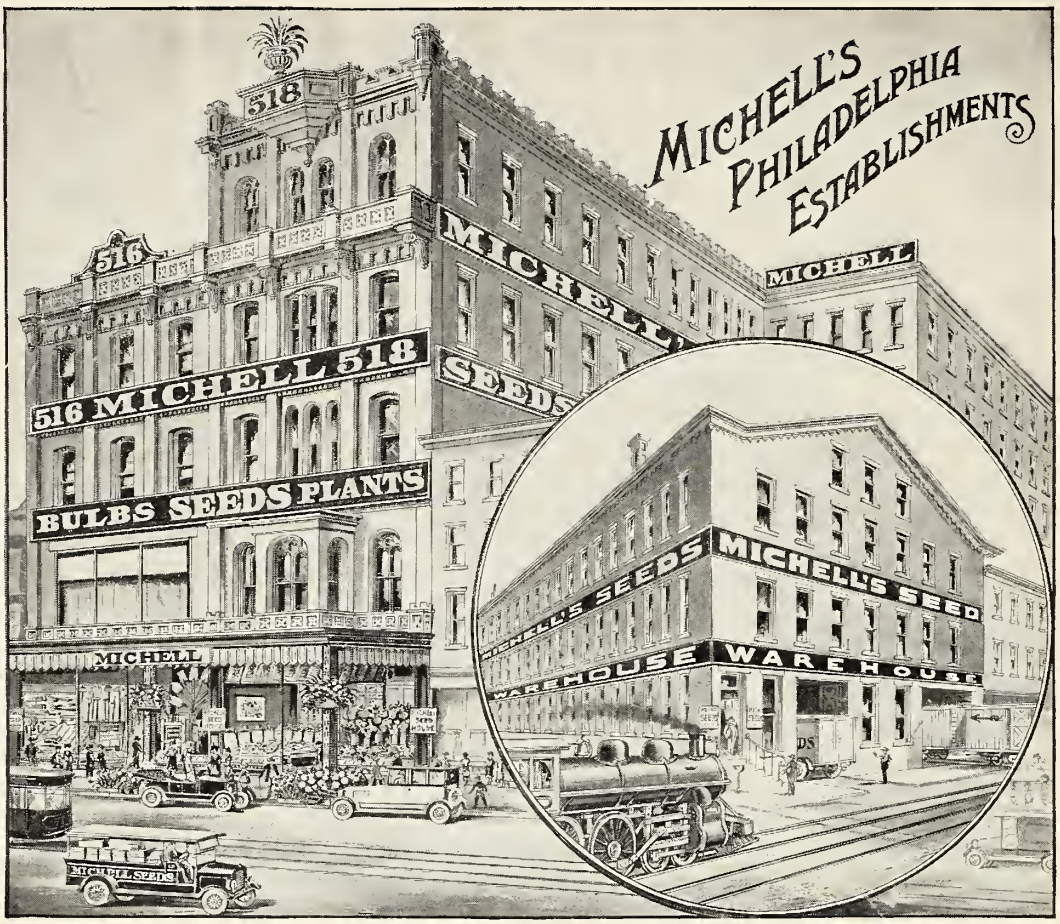
MICHELL'S GREEN VELVET LAWN GRASS SEED

Ready for mowing 3 to 4 weeks after sowing. For description and prices, see Grass Seed section of this catalog.

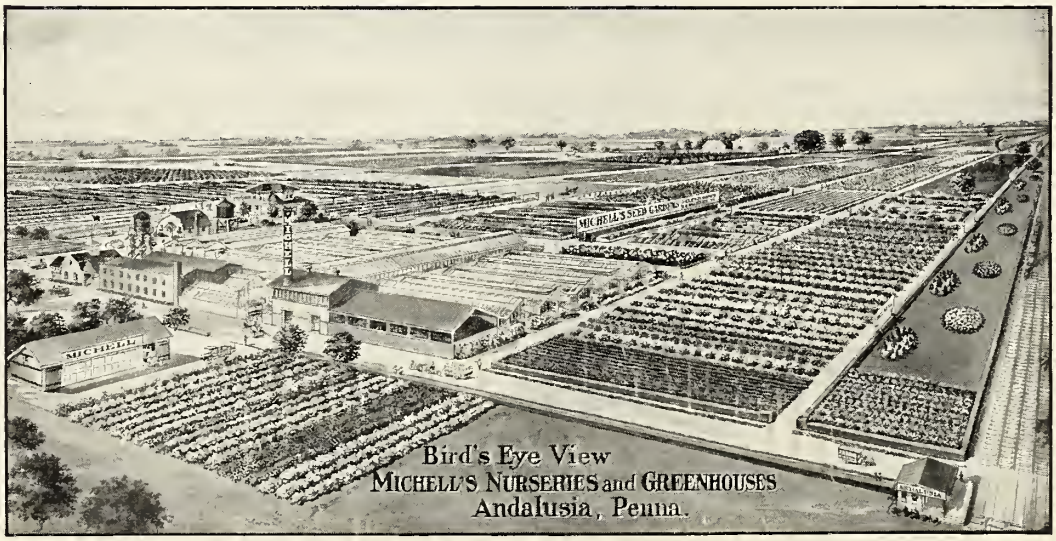
FERTILIZERS,
GARDEN TOOLS,
POULTRY SUPPLIES,
INSECT DESTROYERS.

HENRY F. MICHELL CO.
518-516 MARKET ST.
PHILADELPHIA

NURSERIES,
TRIAL GROUNDS, GREENHOUSES,
ANDALUSIA, PA.



A view of our 518 and 516 Market Street, Philadelphia, establishments and our Warehouse with R. R. siding at American and Dauphin Streets, Philadelphia, entirely occupied by us. Our Philadelphia Store and Salesrooms consist of a building 5 stories high, 50 feet wide on Market Street, 73 feet wide on Ludlow Street and 180 feet deep. Our working staff consists of over 200 employees. The loyal patronage of our trade, coupled with our efforts to please and render service, has made our organization possible.



Our Nurseries at Andalusia, Bucks County, Pennsylvania, comprise about 50 acres of highly cultivated land, 16 modern greenhouses and about 2000 glass covered sash frames. Our specialties are Pot-Grown Roses, Perennials, etc.

ORDER SHEET

Please do not ask questions on this order sheet, but write them, and all communications requiring an answer on a separate sheet and enclose with order, to insure a more speedy reply.

ORDER NO.

L.T.
T.
L.
Zone

HENRY F. MICHELL CO.

518-516 MARKET ST.
PHILADELPHIA, PA.

Ship to
NAME _____ Date _____ 192__
Please prefix Mr., Mrs. or Miss,

Street _____ P. O. Box _____

Post Office _____ R. F. D. No. _____

Please DO NOT Write in This Space

Freight or Express Address _____
If Different from P. O.

County _____ State _____

Charge to _____ Charge Address _____

Gardener's or Superintendent's Name _____

SEND BY (MARK X Over the Word designating method by which shipment is desired)	FREIGHT	EXPRESS	BOAT	PARCEL POST	BAGGAGE MASTER	LOCAL EXPRESS	DELIVERY

PRICED BY

	Veg. Seeds	Flo. Seeds	Bulbs	Plants	Tools	Sundries	Insect.	Poult. Sup.	Grass Seed	Fertil.
ORDER FILLED BY										
DATE FILLED										
DOUBLE CHECKED BY										

Check Column	Quantity	ARTICLES WANTED	PRICE DOLLARS	PRICE CENTS
		AMT. FWD.		

HENRY F. MICHELL CO. give no warranty, expressed or implied, as to the description, purity or productiveness of any seeds, plants or bulbs they send out and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, they can be returned at once.

200M Pink 4-27. L. hbo-M.

(SEE OTHER SIDE)

Check Column	Quantity	ARTICLES WANTED	PRICE DOLLARS	PRICE CENTS
		AMOUNT FORWARD		

(SEE OTHER SIDE)

GENERAL INFORMATION AND SUGGESTIONS

CONDITIONS OF SALE

All contracts, sales and acknowledgements of orders are contingent upon crop failures, partial deliveries by growers or manufacturers, strikes, or other unavoidable causes beyond our control, clerical errors included; also unsatisfactory credit standing. All quotations are subject to market changes and goods being unsold on receipt of order. Henry F. Michell Co. give no warranty, expressed or implied, as to the description, purity or productiveness of any seeds, plants or bulbs they send out, and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, he must notify us at once and we will give instructions for the disposition of the goods.

PLEASE ORDER EARLY

We shall greatly appreciate it if our customers will adopt our suggestion to send us their orders for **seeds, plants, bulbs, etc.**, during January and February. Shipment need not be made until they want the goods.

PACKING CHARGES

No charge is made for boxes or packing, except for two-bushel seamless sacks which are charged at market value (and as may otherwise be noted), these bags are returnable for credit at the price charged. Any extra charges over actual postage on Parcel Post orders is for special packing required.

BUSINESS TERMS

We especially invite charge accounts, which is more convenient than to remit for each order at the time it is sent us. When sending your first charge order, please send us the names and addresses of two or more business houses with whom you have had past or present credit relations; this saves considerable time in the execution of your first charge order.

As to our responsibility, we refer you to **Dun's** or **Bradstreet's Mercantile Agency**, or any bank or trust company in the United States.

REGARDS C. O. D. SHIPMENT

Goods can be sent C. O. D. (with the exception of perishable items, which include plants and cold storage bulbs; these cannot be sent C. O. D.). No. C. O. D. shipments for any kind of goods can be made by express or freight out of town unless a partial remittance accompanies the order. No C. O. D. orders can be accepted where the amount is less than $1.00. During April and May, owing to the heavy volume of business transacted, we are not in a position to accept orders for shipment C. O. D. unless a partial payment has been made on account to assure acceptance at time of delivery.

SHIPPING INSTRUCTIONS

Always state by what method you want goods forwarded, otherwise we will ship according to our best judgment. Please read instructions on page 77 regarding the sending of Vegetable Plants by Parcel Post.

All Plants, Roots and Bulbs are forwarded by Express (or Parcel Post when possible) purchaser paying charges, unless otherwise noted.

For those of our customers who prefer to receive such goods by Parcel Post, we will be pleased to forward in this manner such plants as can be sent in this way at the following additional cost, which must be added to the value of each order for Plants, Roots or Bulbs unless otherwise noted.



To all points east of the Mississippi River, 15 per cent. extra.

To all points west of the Mississippi River, 25 per cent. extra.

SAFE ARRIVAL.—We guarantee the safe arrival of all goods sent to points within the United States except when shipped to points where there is no express or freight agent, to such points the purchaser must assume any claim for loss or damage.

LOCAL DELIVERY.—Our free delivery service covers Philadelphia and the following points: Fox Chase, Lawndale, City Line in the Old York Road district, Bala, Cynwyd, Wynnefield, Overbrook, Bywood, Drexel Hill, Stonehurst, Highland Park, Lansdowne, Falls of Schuylkill, Roxborough and Manayunk.

Also note that we do not guarantee to maintain a daily delivery to these points.

Please note the free delivery service does not include bulky quantities of fertilizers in over ¼ ton quantities. Special arrangements can however be made for delivery of these.

Shipments of goods can also be made by package service from Market and Chestnut St. Ferries, Broad St. Station, Reading Terminal and B. & O. R. R., at 24th and Chestnut Sts.

The tariff for shipments that can be made by this method, packed in one piece is as follows:

10 lbs. and under, 12c.	40 lbs. to 55 lbs., 30c.
10 lbs. to 25 lbs., 18c.	56 lbs. to 70 lbs., 36c.
25 lbs. to 40 lbs., 24c.	71 lbs. to 85 lbs., 42c.
	86 lbs. to 100 lbs., 48c.

Packages weighing over 50 lbs. accepted at Broad St. Station only.

Shipments weighing more cannot be sent via Package Service.

Positions for Gardeners, Estate Superintendents, etc.

Frequently we have on our register the names of competent Gardeners, Superintendents, Greenskeepers, Farmers and Poultrymen who desire positions. We are always pleased to put them in communication with parties desiring services of such men.

FORWARDING SERVICE

We deliver, postpaid to any Post Office in the United States, Vegetable and Flower Seeds in packets, ounces, and pounds, except where otherwise noted in the Catalog. If theso are wanted by parcel post please remit for postage the amount named in connection with the item up to and including the third zone; for other zones add additional postage or at the rates quoted in table opposite. Agricultural Seeds, Implements, Fertilizers, and other heavy and bulky goods are sent by Express or Freight at purchaser's expense.

Plant orders should be separated from Seed orders, as they are usually filled and shipped separately.

Parcel Post Rates from Philadelphia (Subject to Change)

United States Parcel Post Rates (Seeds, plants and bulbs included) (Subject to Change.)	First pound or fraction	Each additional pound or fraction	Packages must not exceed 84 inches (length and girth combined)
Local Rate, Philadelphia	$0.07	$0.00½	Limit of weight this zone, 70 lbs.
1st Zone, within 50 miles of Philadelphia	.07	.01	Limit of weight this zone, 70 lbs.
2d Zone, over 50 and under 150 miles	.07	.01	Limit of weight this zone, 70 lbs.
3d Zone, over 150 and under 300 miles	.08	.02	Limit of weight this zone, 70 lbs.
4th Zone, over 300 and under 600 miles	.09	.04	Limit of weight this zone, 50 lbs.
5th Zone, over 600 and under 1000 miles	.10	.06	Limit of weight this zone, 50 lbs.
6th Zone, over 1000 and under 1400 miles	.11	.08	Limit of weight this zone, 50 lbs.
7th Zone, over 1400 and under 1800 miles	.13	.10	Limit of weight this zone, 50 lbs.
8th Zone, over 1800 miles	.14	.12	Limit of weight this zone, 50 lbs.

On Seeds, Bulbs, Plants or Roots not exceeding eight (8) ounces in weight, the postage charge is 1c. for each two (2) ounces or fraction thereof; on Sundries or other Merchandise not exceeding eight (8) ounces in weight, the postage charge is 1½c. for each two (2) ounces or fraction thereof. Seeds, Bulbs, Plants, Roots, Sundries, etc., weighing over eight (8) ounces are sent at zone rates.

If special Delivery is wanted an additional 10c. is required on packages weighing up to two (2) pounds—15c. on packages weighing more than two (2) pounds and up to ten (10) pounds—20c. on packages weighing more than ten (10) pounds.

If it is desired that a package be given the same dispatch as first class mail it requires an additional 25 cents to the amounts as stated above, which is called a "Special Handling" rate.

If remittance accompanies order, a sufficient amount should be included to cover the extra charges—if ordered to be sent by either of the methods as stated above.

Please note parcel post charges quoted by us are for delivery in the United States only.

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MICHELL'S RELIABLE GRASS SEEDS

Our grass seeds are rigidly tested for purity and germination at the growing point, in the laboratories of the United States Department of Agriculture and by ourselves, and will be found of highest average. We make special formulas to suit various soils, climatic and local conditions. Our grass mixtures as sold have been based on many tests and on years of careful study; they are properly blended and will give splendid satisfaction.

Quantity to Sow for Lawns. From very exhaustive tests and experiments, we have found that in general too small a quantity has been recommended in the past; it requires sufficient seed to be sown if you want a quick permanent effect. On a small scale a quart will usually seed a space of 10 x 10 feet though twice that quantity is better; 6 to 8 bushels of 20 lbs. per bushel on new ground without grass, is the proper quantity per acre; 1 peck is needed for a space of 1000 square feet; ½ bushel for a space 2000 square feet; 1 bushel for a space 4000 square feet or say 40 x 100 feet. For Putting Greens we advise 100 lbs. of seed for greens 100 x 100 feet. For Fairways, 8 to 10 bushels per acre. For Pasture and Hay Fields, 4 to 5 bushels per acre, based on a 20-pound bushel.

If mixed Grass Seeds are wanted by parcel post, add for postage as follows: 10c. for 2 qts.; 10c. for 4 qts.; 15c. per peck; 20c. per ½ bu.; 35c. per bu.

Clover Lawn Grass Seed. The increasing demand for a grass seed mixture, containing a larger proportion of White Lawn Clover induced us to offer this brand; mixed with a liberal quantity of the best recleaned White Clover, which is peculiarly suited to take firm hold and grow quickly on hard or worn-out spots which sunburn easily. Splendid for seashore lawns. 30 lbs. per bu.

Price, 30c. per pt.; qt., 60c.; $1.10 for 2 qts.; 4 qts., $2.10; $4.00 per pk.; bu., $15.00; $47.50 per 100 lbs.

"Top Notch" Lawn Grass Seed. The top notch of quality. A perfectly blended combination of quick growing, very compact, fine bladed grasses that will produce a perfect lasting turf in a few weeks. 25 lbs. per bu.

Price, 25c. per pt.; qt., 50c.; 90c. for 2 qts.; 4 qts., $1.75; $3.25 per pk.; bu., $12.50; $47.50 per 100 lbs.

Green Velvet Lawn Grass Seed. The result of many years of untiring experimenting and will produce a perfect turf; composed of close growing, fine leaved hardy grasses, which will stand wear and tear, and outlive the severest winter, retaining at all times its lustrous green color. 20 lbs. per bu.

Price, 25c. per pt.; qt., 45c.; 85c. for 2 qts.; 4 qts., $1.50; $2.75 per pk.; bu., $10.00; $47.50 per 100 lbs.

Evergreen Lawn Grass Seed. This is composed of the finest native and foreign short growing and fine bladed grasses and will form a perfect turf. It weighs 20 lbs. per bushel, and every kernel is full of vitality.

Price, 20c. per pt.; qt., 35c.; 70c. for 2 qts.; 4 qts., $1.25; $2.25 per pk.; bu., $8.00; $37.50 per 100 lbs.

Seashore Lawn Grass Seed. If 3 or 4 inches of top soil is spread over the surface, and well firmed, an application of Michell's Special Formula Seashore Lawn Mixture will produce a good lawn in 6 to 8 weeks. An occasional application of pure Sheep Manure during the spring, summer and fall months will increase the strength and color of the grass. Our formula has been thoroughly tested out in various localities. If the soil is exceptionally poor, and it is not possible to apply a layer of top soil, White Clover will help to make the sod thick, and also protect the grass. 20 lbs. per bu.

Price, 25c. per pt.; qt., 45c.; 85c. for 2 qts.; 4 qts., $1.50; $2.75 per pk.; bu., $10.00; $47.50 per 100 lbs.



MICHELL'S RELIABLE GRASS SEEDS

See Page 4 for recommendations for quantities required to sow an acre

If Mixed Grass Seeds are wanted by parcel post, add for postage as follows; 10c. for 2 qts.; 10c. for 4 qts.; 15c. per peck; 20c. per ½ bu.; 35c. per bu.

Shaded Lawn Grass Seed. Shaded locations have often been found difficult to keep in grass. We have combined a mixture of grasses that will produce a perfect sward in the most densely shaded place. It must be borne in mind that too much shade creates sour soil, and to guard against this apply air-slacked lime (or land plaster where the former is not available) at the rate of 1 bushel to each 1000 square feet. 20 lbs. per bu.
Price, 25c. per pt.; qt., 45c.; 85c. for 2 qts.; 4 qts., $1.50; $2.75 per pk.; bu., $10.00; $47.50 per 100 lbs.

Southern States Evergreen Lawn Grass Seed. In the southern states especially below Virginia, it is extremely hard to establish a permanent lawn, if the proper combination of grasses are not used; after exhaustive tests and experiments we are pleased to state that our Southern States Evergreen Grass Seed Mixture will come up to the most sanguine expectations. Especially for dry, hot localities. 20 lbs. per bu.
Price, 25c. per pt.; qt., 45c.; 85c. for 2 qts.; 4 qts., $1.50; $2.75 per pk.; bu., $10.00; $47.50 per 100 lbs.

Terrace or Embankment Grass Seed. It is usually difficult to establish turf on steep inclines or on terraces. This mixture is composed of deep rooting varieties which will give satisfactory results. 20 lbs. per bu.
Price, 25c. per pt.; qt., 45c.; 85c. for 2 qts.; 4 qts., $1.50; $2.75 per pk.; bu., $10.00; $47.50 per 100 lbs.

Putting Greens Mixture. This is a quick-growing mixture of short, fine-bladed grasses. In sowing Putting Greens it is wise economy to be very liberal with the seed, as they are subjected to continuous hard use. We do not recommend less than 100 lbs. to a green 100 ft. square. 25 lbs. per bu.
Price, 40c. per pt.; qt., 75c.; $1.40 for 2 qts.; 4 qts., $2.50; $4.75 per pk.; bu., $18.00; $67.50 per 100 lbs.

Special Sod Grass Seed. A quick growing mixture, making a tough and heavy sod in a short time. 20 lbs per bu.
Price, 25c. per pt.; qt., 45c.; 85c. for 2 qts., 4 qts., $1.50; $2.75 per pk.; bu., $10.00; $47.50 per 100 lbs.

Fairmount Park Lawn Seed. A mixture meeting the requirements of those desiring a moderately priced grass seed. 20 lbs. per bu.
Price, 15c. per pt.; qt., 30c.; 55c. for 2 qts.; 4 qts., $1.00; $1.90 per pk.; bu., $7.00; $32.50 per 100 lbs.

Michell's Fairways *(Golf Course)* **Mixture.** Composed of short-growing, deep-rooted varieties that resist wear. Fairways to retain their permanency should receive additional sowings during the season. 20 lbs. per bu.
Price, 25c. per pt.; qt., 40c.; 75c. for 2 qts.; 4 qts., $1.25; $2.25 per pk.; bu., $8.00; $37.50 per 100 lbs.

Michell's Athletic Field Grass Seed. A special mixture of deep rooting, fine leaved grasses, especially suited for Baseball, Football and Cricket Grounds. 20 lbs. per bu.
Price, 20c. per pt.; qt., 40c.; 75c. for 2 qts.; 4 qts., $1.25; $2.25 per pk.; bu., $8.00; $37.50 per 100 lbs.

Michell's Teeing Grounds Mixture. Used on golf course tees, or in other places where a tough, resisting turf is wanted; 20 lbs. per bu.
Price, 25c. per pt.; qt., 45c.; 85c. for 2 qts.; 4 qts., $1.50; $2.75 per pk.; bu., $10.00; $47.50 per 100 lbs.

White Clover. Choicest recleaned, for sowing on lawns, pastures, etc. White Clover is particularly desirable where the soil is poor and sandy; it also does well at seashore resorts where it is difficult to establish grass. Sow 10 to 12 lbs. per acre (60 lbs. per bu.).
Price, 10c. per oz.; ¼ lb., 25c.; 45c. per ½ lb.; lb., 85c.; $4.00 per 5 lbs.; 10 lbs., $7.75; $45.00 per bu. of 60 lbs.; 100 lbs., $75.00.
If wanted by parcel post, add for postage, as follows: 5c. for ½ lb.; 10c. for 1 lb.; 20c. for 5 lbs.; 30c. for 10 lbs.



MICHELL'S RECLEANED GRASS SEEDS

If Mixed Grass Seeds are wanted by parcel post, add for postage as follows: 10c. for 2 qts.; 10c. for 4 qts.; 15c. per peck; 20c. per ½ bu.; 35c. per bu.

MICHELL'S PERMANENT PASTURE GRASS SEED

It is a well ascertained fact that thicker and more prolonged growth is produced by a mixture of many sorts of grasses than by only one or two; the object to be attained is a constant, successive growth of rich pasturage from Spring until Fall. This mixture is a decided advantage over the usual timothy and clover seed formula, which at their best last usually two seasons. Our mixture of "Permanent Pasture" is a combination of hardy grasses, that will last for years, tho we advise re-sowing them lightly each season in spaces that are bare; attention like this will assure a continuous supply of nutritious pasture. Sow at the rate of 4 to 5 bushels (20 lbs. per bushel) per acre on new land, or about half that quantity for renovating.

Price, 20c. per pt.; qt., 35c.; 60c. for 2 qts; 4 qts., $1.10; $1.75 per pk.; bu., $6.50; $30.00 per 100 lbs.

MICHELL'S PERMANENT HAYFIELD GRASS SEED

The old custom of depending upon hayseed sown with wheat is fast passing into the discard. Michell's Hayfield Mixture sown early in April will yield a crop of hay the same summer, while the old method requires waiting almost two years—a valuable lot of time lost. Our mixture is composed of a variety of high-grade, hardy grasses and clovers, one sowing of which will last a number of years Sow at the rate of 4 to 5 bushels per acre (20 lbs. per bushel) on new land, or about half that quantity for renovating.

Price, 20c. per pt.; qt., 35c.; 60c. for 2 qts.; 4 qts., $1.10; $1.75 per pk.; bu., $6.50; $30.00 per 100 lbs.

See pages 4 and 5 for Grass Mixtures for Lawns, etc.

Testimonial

Uniontown, Pa.

I am enclosing a small order and check for same. Some years ago the Professional at our Country Club sent to you for some shaded lawn grass seed for us, to sow under some large trees; the ground was practically bare but the seed from you was wonderful and grew well. D. T. H.

DU PONT SEMESAN

Prevents and Controls Brown Patch

Applied either in its original dust form or as a liquid drench, Semesan prevents the development of Brown Patch or arrests its progress if already present. See page 78.

MICHELL'S RELIABLE GRASS SEEDS

SEPARATE VARIETIES

All Strictly Recleaned and Carefully Tested for Purity and Germination

On account of the fluctuations of the market, the prices quoted on separate varieties of Grass Seeds are subject to change. We endeavor at all times to maintain our prices as low as possible, consistent with quality. Please send us your inquiries and orders for Grass Seeds in separate varieties, stating quantities wanted and we will give them our best attention.

If separate varieties of Grass Seeds are wanted by Parcel Post, add 10c. per lb.; 30c. per 10 lbs., for postage; larger quantities by express or freight.

Bent Grass, Colonial or Velvet. A very fine bladed grass, producing a thick turf; especially valuable for putting greens. 95c. per lb.; 10 lbs., $9.00; $21.75 per 25 lbs.; 100 lbs., $85.00.

Bent Grass, South German Mixed. Sometimes referred to as Creeping Bent. Admirably adapted for lawns, also putting greens, tennis courts, etc.; sow 100 lbs. on a putting green 100 feet square. 90c. per lb.; 10 lbs., $8.50; $20.50 per 25 lbs.; 100 lbs., $80.00.

Bermuda Grass. For sowing as far North as Washington, D. C., above which latitude it is not hardy. 45c. per lb.; 10 lbs., $3.85; $9.25 per 25 lbs.; 100 lbs., $35.00.

Blue Grass, Fancy Kentucky (*Poa Pratensis*). Our stock of this is extra fine, thoroughly recleaned; sow 70 to 85 lbs. per acre on lawns, 50 to 70 lbs. on pasture fields. 35c. per lb.; 10 lbs., $2.90; $6.75 per 25 lbs.; 100 lbs., $25.00.

Blue Grass, Canadian (*Poa Compressa*). Makes an ideal pasture, highly relished by cattle; excellent also for sowing on embankments; sow in same proportions as Kentucky Blue. 35c. per lb.; 10 lbs., $2.70; $6.25 per 25 lbs.; 100 lbs., $23.00.

Creeping Bent. See South German Mixed Bent.

Crested Dogstail (*Cynosurus Cristatus*). Excellent as a pasture and lawn grass. Sow 80 to 100 lbs. per acre. 55c. per lb.; 10 lbs., $4.80; $11.75 per 25 lbs.; 100 lbs., $45.00.

Fescue, Chewing's New Zealand (*Festuca Chewing's*). Especially recommended for putting greens and lawns. 40c. per lb.; 10 lbs., $3.65; $8.75 per 25 lbs.; 100 lbs., $33.00.

Fescue, Fine Leaved (*Festuca Tenuifolia*). This grass is especially valuable for dry soils. Sow 70 to 85 lbs. per acre. 60c. per lb.; 10 lbs., $5.40; $13.00 per 25 lbs.; 100 lbs., $50.00.

Fescue, Hard (*Festuca Duriuscula*). A splendid grass for golf links, tennis courts, etc.; will resist droughts. Sow 80 to 100 lbs. per acre. 45c. per lb.; 10 lbs., $3.75; $8.50 per 25 lbs.; 100 lbs., $31.00

Fescue, Meadow (*Festuca Pratensis*). Sow 100 lbs. per acre. 30c. per lb.; 10 lbs., $2.50; $6.00 per 25 lbs.; 100 lbs., $23.00.

Fescue, Red or Creeping (*Festuca Rubra*). Valuable for putting greens; also for sowing on sandy soil and in shaded places. 40c. per lb.; 10 lbs., $3.65; $8.75 per 25 lbs.; 100 lbs., $33.00.

Fescue, Sheep's (*Festuca Ovina*). This makes an excellent grass for sowing on lawns, fields or pleasure grounds. Sow 80 to 100 lbs. per acre. 45c. per lb.; 10 lbs., $3.75; $8.50 per 25 lbs.; 100 lbs., $31.00.

Herd or Red Top, Fancy Recleaned. This is one of the best grasses for sowing for immediate effect. Our stock is free from chaff and is absolutely pure. Sow 35 lbs. per acre. 30c. per lb.; 10 lbs., $2.40; $5.50 per 25 lbs.; 100 lbs., $20.00.

Herd or Red Top, Unhulled (*Agrostis Vulgaris*. Sow 60 to 80 lbs. per acre on lawns, or 50 to 60 lbs. on pasture lands. 25c. per lb.; 10 lbs., $2.10; $4.75 per 25 lbs.; 100 lbs., $17.00.

Orchard Grass (*Dactylis Glomerata*). For early pasturing this is very desirable; also fine for sowing in shaded places. Sow 50 lbs. per acre. 30c. per lb.; 10 lbs., $2.40; $5.50 per 25 lbs.; 100 lbs., $20.00.

Rhode Island Bent. For sowing at seashore resorts, on putting greens, tennis courts, etc.; sow 100 lbs. on a putting green 100 ft. square. 95c. per lb.; 10 lbs., $9.00; $21.75 per 25 lbs.; 100 lbs., $85.00.

Rough Stalked Meadow (*Poa Trivialis*). A splendid grass for shady places and valuable for use in golf course turf formation. Sow 100 lbs. per acre. 50c. per lb.; 10 lbs., $4.20; $10.25 per 25 lbs.; 100 lbs., $40.00.

Rye Grass, Domestic. Valuable in lawn grass mixtures demanding immediate effect. Sow 100 lbs. per acre. 15c. per lb., 10 lbs., $1.20; $2.75 per 25 lbs.; 100 lbs., $10.00.

Rye Grass, English or Perennial (*Lolium Perenne*). (*Pacey's Fancy Short Seeded*). This makes the quickest returns in growth of any grass; is deep rooted and readily established. Sow 100 to 120 lbs. per acre. 25c. per lb.; 10 lbs., $2.00; $4.75 per 25 lbs.; 100 lbs., $18.00.

Rye Grass, Italian (*Lolium Italicum*). Very desirable for pasture; comes to maturity the first season; the ideal seed for southern lawns in winter. Sow 100 lbs. per acre. 23c. per lb.; 10 lbs., $1.75; $4.00 per 25 lbs.; 100 lbs., $15.00.

Sudan Grass Seed (*Annual*). This belongs to the forage crops and is allied to the millets. Sow 16 to 24 lbs. per acre. 15c. per lb.; 10 lbs., $1.10; $2.50 per 25 lbs.; 100 lbs., $8.00.

Sweet Vernal (*Perennial*). Sow 5 lbs. per acre. 65c. per lb.; 10 lbs., $6.00; $14.25 per 25 lbs.; 100 lbs., $55.00.

Timothy (*Phleum Pratense*). Sow 25 lbs. per acre alone. 15c. per lb.; 10 lbs., $1.20; $2.75 per 25 lbs.; 100 lbs., $10.25.

Wood Meadow (*Poa Nemoralis*). The best grass for sowing under trees where a lawn is desired. Sow 75 to 100 lbs. per acre. 65c. per lb.; 10 lbs., $5.90; $14.25 per 25 lbs.; 100 lbs., $55.00.

WHITE DUTCH LAWN CLOVER

Splendid for sowing among grass on lawns and other places where a thick, quick growth is desired; especially adapted for seashore lawns. Per oz., 10c.; 25c. per ¼ lb.; ½ lb., 45c.; 85c. per lb.; 5 lbs., $4.00; $7.75 for 10 lbs.; per bu. of 60 lbs. $45.00; $75.00 per 100 lbs.

If wanted by Parcel Post, add for postage as follows: 5c. for ½ lb.; 10c. for 1 lb.; 20c. for 5 lbs.; 30c. for 10 lbs.; larger quantities by express or freight.

MICHELL'S NOVELTIES AND SPECIALTIES IN FLOWER SEEDS FOR 1928

FOR GENERAL LIST OF FLOWER SEEDS SEE PAGES 12 TO 44



Alyssum, Michell's Bouquet

ALYSSUM, MICHELL'S BOUQUET

This new variety is of exceedingly dwarf and compact growth, very free flowering, plants forming a perfect bouquet of miniature white flowers. A perfect gem for edging. Commences to bloom when plants are very small and continues until frost. We have an extra fine strain of this variety. Per pkt., 10c.; 30c. per large pkt.; oz., $1.25.

ASTER, CALIFORNIA GIANT

See Color Plate Opposite.

A new variety with flowers of the Crego type, and with the habit of growth and long stems of the Beauty type. Flowers large and stand up well after being cut. Their immense size and beauty as well as their long stems make them very attractive.

	Large pkt.	Pkt.
Dark Purple	$0.60	$0.25
Deep Rose	.60	.25
Light Blue	.60	.25
Peach Blossom	.60	.25
White	.60	.25
Mixed Colors	.60	.25

Collection, one packet each, 5 colors, as per color plate, $1.00.

GIANT SINGLE ASTER SOUTHCOTE BEAUTY

A splendid variety of Giant Single Aster which are becoming exceedingly popular; the flowers have long, perfectly formed curved petals with golden centers; unrivaled for cutting and house decoration; 1½ feet.

	Oz.	Large pkt.	Pkt.
Lavender	$2.25	$0.60	$0.15
Pink	2.25	.60	.15
Purple	2.25	.60	.15
Scarlet	2.25	.60	.15
White	2.25	.60	.15
Choice Mixed	2.25	.60	.15

Collection, one packet each of above, 5 colors, 60c.

TWO NEW BEGONIAS

These are of the Semperflorens type which are very popular for bedding and also as pot plants for winter flowering.

Albert Martin. Bright crimson scarlet with dark foliage; flowers extra large. Pkt., 25c.; $1.00 per large pkt.

Glory of Erfurt (*Improved*). A fine novelty; very large, rosy carmine flowers; the best bedding variety to date. Pkt., 25c.; $1.25 per large pkt.

NEW ANTIRRHINUMS

(Snapdragon)

One of the showiest of our garden flowers, blooming profusely and continuously throughout the summer. Valuable both as a cut flower for home decoration or for bedding. The varieties offered below are also excellent for forcing.

Eclipse (*New*). Semi-dwarf. An attractive blood-red crimson; splendid for bedding. Pkt., 15c.; 60c. per large pkt.

Geneva Pink. Glistening rose pink. Original large pkt., $1.25.

Harmony. A giant strain; beautiful terra cotta orange, shaded rose. Pkt., 10c.; 30c. per large pkt.

Orlando. Large flowers of a beautiful bronze color. Pkt., 25c.; $1.00 per large pkt.

Philadelphia Pink. Considered to be the finest pure pink; an exquisite shade; flowers large on stout stems. Pkt., 25c.; 75c. per large pkt.

Philadelphia Pink. Original large pkt., $1.25.

Silver Pink. Large flowers on long stems. Pkt., 25c.; 75c. per large pkt.



Antirrhinum, Maximum

MAXIMUM VARIETIES

These splendid new varieties of the Maximum type of Antirrhinums are the finest of this popular flower. In habit they are slightly taller than the Majus group; flowers are of magnificent size.

Canary Bird. Flowers extra large; color canary yellow, with golden yellow center. Pkt., 25c.; 50c. per large pkt.

Cattleya. Flowers silvery rosy lilac with golden yellow lip; large flowering. Pkt., 25c.; 50c. per large pkt.

Copper King. Coppery scarlet, turning into a pure copper color. Pkt., 25c.; 50c. per large pkt.

Snowflake. Blooms extra large and well formed; lovely white with yellow throat. Pkt., 25c.; 50c. per large pkt.

Mixed. Maximum varieties, including the above with many new shades. Pkt., 25c.; 40c. per large pkt.

TESTIMONIAL

Toronto, Can.

Last year our Asters were fine from seed purchased from you. We cut large blooms after two falls of snow. J. E. C.

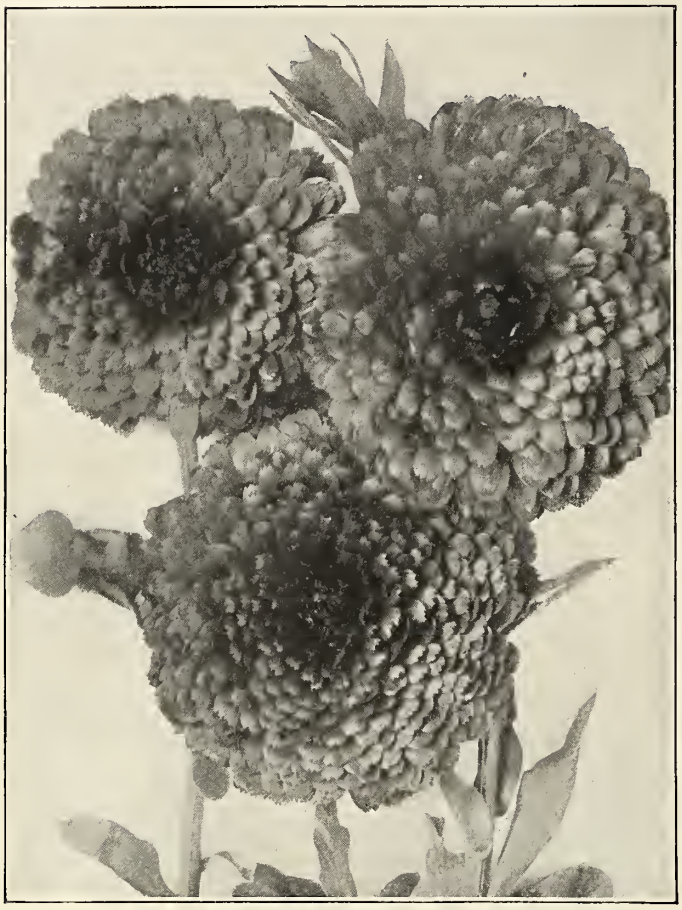
Michell's Asters—*California Giant*



	Pkt.	Large Pkt.
Dark Purple	.25	.60
Deep Rose	.25	.60
Light Blue	.25	.60
Peach Blossom	.25	.60
Pure White	.25	.60
Mixed Colors	.25	.60

Collection, one regular pkt. each, above 5 colors, $1.00. One large pkt. each of the above 5 colors, $2.75

Postpaid



Calendula, Ball's Strain

CALENDULA, BALL'S STRAIN

A new variety of upright growth and producing on long stems, large, bright glowing orange flowers, which are uniformly double. An excellent variety for forcing. Pkt., 25c.; 60c. per large pkt.

CANDYTUFT, Michell's Giant White

Produces giant spikes of pure white flowers, resembling Hyacinths; the finest variety for greenhouse culture and unsurpassed for outdoor bedding. Pkt., 10c.; 25c. per large pkt.; oz., 60c.

CHABAUD'S GIANT CARNATIONS

Blooms in five months after being sown and continues to bloom throughout the summer; flowers of fine substance and usually produce 90 percent double flowers.

		Large pkt.	Pkt.
Jeane Dionis.	Pure white	$0.75	$0.15
Sparkler.	Brilliant cardinal red	.75	.15
The Pearl.	Beautiful rose pink	.75	.15
Choice Mixed		.60	.15

CHRYSANTHEMUM MAXIMUM
COLOSSAL QUEEN

A magnificent new variety of this hardy perennial plant, producing an enormous quantity of extra large, pure white flowers; splendid for cutting. Pkt., 25c.; 75c. per large pkt.

See pages 12 to 44 for complete list of Flower Seeds.

COREOPSIS LANCEOLATA GRANDIFLORA FL. PL.
DOUBLE FLOWERING COREOPSIS

This new variety of the ever popular perennial border plant, produces double and semi-double golden yellow flowers, of large size and in great profusion; splendid for cutting. Pkt., 10c.; 40c. per large pkt.



Gaillardia Grandiflora, Portola Hybrids

GAILLARDIA GRANDIFLORA
Portola Hybrids

This superb new strain of Gaillardias produces flowers of immense size, the colors ranging through shades of bronzy red, with golden tipped petals; splendid for cutting. Pkt., 25c.; 75c. per large pkt.

EMPEROR LARKSPUR
PINK DELIGHT

A splendid new annual variety, suitable either for bedding or pots; of compact growth, about 2 feet in height; color, soft, yet bright rose pink. Per pkt., 25c.; 50c. per large pkt.

Testimonial

Craddockville, Va.

I wish to state that I have been more than pleased with all items purchased from you in the past.

F. H. O.



Helichrysum Monstrosum, Rose Queen

HELICHRYSUM MONSTROSUM (Straw Flower)

ROSE QUEEN

Gigantic flowers of a rich, deep rose color; extremely beautiful under artificial light; a wonderful addition to the ever popular strawflower. Per pkt., 25c.; 60c. per large pkt; oz., $2.25.



Petunia, Michell's Monstrosus



New Annual Larkspur, Exquisite

ANNUAL LARKSPUR

EXQUISITE

A new and much wanted color in the splendid double stock flowered type. The color is a soft yet bright rose color, that makes a charming and effective bunch when cut and equally as effective in the garden. Per pkt., 25c.; 40c. per large pkt.

LOBELIA ERINUS

BLUE BIRD

A new dwarf, compact variety; plants completely covered with masses of bright blue flowers. Pkt., 20c.; 75c. per large pkt.

LARGE FLOWERING PETUNIA

"MICHELL'S MONSTROSUS"

A great acquisition to the list of Large Flowering Petunias, surpassing the well-known Giants of California. The flowers are extremely large, quite a number of which are elegantly fringed; the colorings, markings, veinings, blotches, etc., are superb; many of them having deep throats of various shades. Per pkt., 25c.; 85c. per large pkt.



Scabiosa, Grandiflora

SCABIOSA, GRANDIFLORA

EXCELLENT NEW VARIETIES

Peach Blossom. A fine variety, with splendid large flowers on long stems; color, a beautiful shade of peach blossom pink; excellent for cutting. Per pkt., 25c.; 60c. per large pkt.

Shasta. Identical with the above, excepting the color, which is pure white; flowers of enormous size. Per pkt., 25c.; 60c. per large pkt.

NEW SPENCER SWEET PEAS

TWO SPLENDID SUMMER VARIETIES

Mary Pickford. An extra fine large flower, produced on long stems; color, a dainty pink, suffused salmon. Per pkt., 25c.; $1.25 per oz.; ¼ lb., $4.00.

Snowball. Undoubtedly the finest pure white Sweet Pea in existence; large flowers on long stems. See illustration page 42. Per pkt., 25c.; $2.25 per oz.; ¼ lb., $7.50.

ZINNIA

NEW GIANT DAHLIA FLOWERED

See Color Plate on 4th Cover Page.

The plants are of strong, vigorous habit, from 2½ to 3 feet high, and produce mammoth flowers 4 to 6 inches across and 2½ to 3 inches deep. The flowers so closely resemble decorative Dahlias, that when placed by their side, it is difficult to distinguish one from the other. This new type is also valuable for growing under glass for cutting.

	Large pkt.	Pkt.
Crimson Giant. Crimson scarlet	$0.50	$0.20
Dream. A fine deep lavender turning to purple	.50	.20
Exquisite. Light rose, with deep rose center	.50	.20
Golden State. A very rich orange yellow	.50	.20
Old Rose. Flowers large and of fine form	.50	.20
Oriole. Immense orange and gold bi-color	.50	.20
Polar Bear. A very large pure white	.50	.20
Scarlet Flame. A beautiful bright scarlet	.50	.20
Mixed Colors. A well blended mixture, covering a wide range of colors and shades (oz., $1.50)	.30	.15

Collection. One packet each of above 8 separate varieties for $1.25.

Collection. One large packet each of above 8 separate varieties for $3.50.

ZINNIA ELEGANS, LILIPUT

Beautiful, miniature perfectly double flowers; splendid for bedding.

	Large pkt.	Pkt.
Canary Yellow	$0.25	$0.10
Salmon Rose	.25	.10
Scarlet Gem (*Red Riding Hood*)	.25	.10
White Gem	.25	.10
Mixed Colors	.25	.10



Stock, Early Giant Imperial

STOCKS, EARLY GIANT IMPERIAL

(IMPROVED BISMARCK)

A splendid addition to the early forcing class; of tall branching habit, from 24 to 30 inches high and producing a very high percentage of double flowers.

	Large pkt.	Pkt.
Apple Blossom. Blush pink	$0.60	$0.25
Chamois. Ivory tinted old rose	.60	.25
Fiery Blood Red. Extra fine	.60	.25
Lavender	.60	.25
Rose. Deep rose pink	.60	.25
White	.60	.25
Mixed Colors	.60	.25

VERBENA HYBRIDA GRANDIFLORA

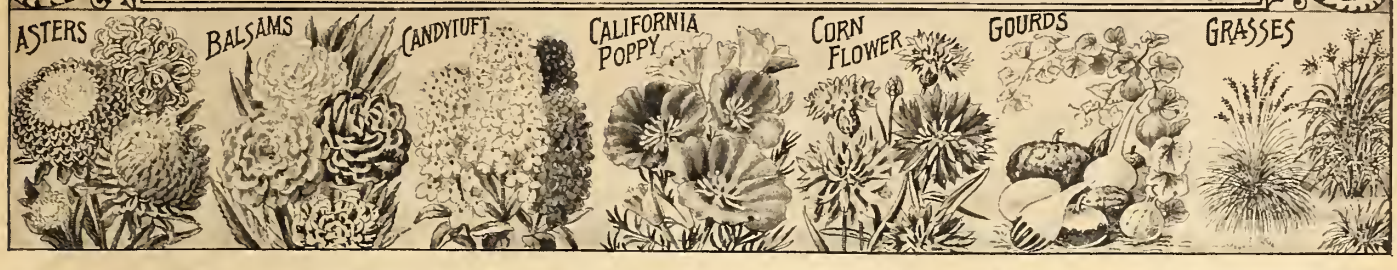
ETNA

This variety is the finest and brightest color in Verbenas to date, an intense Geranium-red, with a small yellow eye; individual florets are over one inch in diameter. Pkt., 25c.; 75c. per large pkt.

VERBENA GRANDIFLORA HYBRIDA

LUMINOSA

A new variety, producing gigantic blooms of flame pink, turning to softer shades of pink and coral, a beautiful combination. Per pkt., 15c.; 75c. per large pkt.



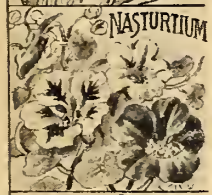














Michell's Collections of Popular
Old-Fashioned Flowers

On this page the lover of Old-Fashioned Flowers will find a selection of all of the better varieties grouped under their respective names. They are also listed through the Flower Seed pages, where they are described more fully.

ASTERS—Michell's Improved Semple's Branching, in 6 charming and distinct colors; late bloomers $0.50

California Giants. New Giant Comet type, in 5 colors 1.00

Michell's Invincible. Profuse flowering; massive peony formed flowers; 5 colors ..... .40

Crego's Giant Comet. Twisted and curled petals like a huge chrysanthemum; splendid varieties, in 6 colors ..... .50

Early Royal Branching. Blooms in July and August; 5 colors ..... .40

Queen of the Market. In 6 grand colors; very fine ..... .50

CALIFORNIA POPPIES (Eschscholtzia). Their brilliant colors make the garden gay; very useful for cutting; 8 varieties ..... .60

CANDYTUFT. Flowers within six weeks after sowing, and will give a mass of blooms; 6 colors ..... .50

CORN FLOWER, GIANT (Centaurea or Sweet Sultan). An old favorite garden annual; 6 colors .. .50

HOLLYHOCKS. No garden should be without these very showy plants; 6 distinct colors ..... .50

LARKSPUR. Excellent annuals for cutting; 6 colors ..... .50

MARIGOLDS. Profuse bloomers and always showy; 6 varieties .... .50

NASTURTIUMS. Invaluable as showy garden plants.

Dwarf. 12 distinct sorts; one pkt. each .50

Tall. 12 distinct sorts; one pkt. each .50

PANSY. No garden is a garden without Pansies. Ours are admitted to be the finest in existence.

Giant Prize. 6 grand colors; fine . .75

Giant Prize. 12 grand colors 1.40

PETUNIAS. A greatly improved strain in colors and size; immense frilled flowers; single; 6 varieties . $1.00

PHLOX DRUMMONDII. Grandiflora. 6 very beautiful and gaudy sorts ..... .50

POPPIES. Annual. Rich in color; one of the showiest flowers in the garden. 6 varieties ..... .50

SALPIGLOSSIS. Very curious and interesting forms; many are quite new; 6 colors ..... .50

SNAPDRAGONS (Antirrhinum). Old standbys for showy groups.

Michell's Giant Tall. 6 colors ... .50

MOURNING BRIDE (Scabiosa). Excellent hardy annuals; fine for cutting; 6 colors ..... .50

STOCKS. Dwarf-Ten Week. Plants branch freely and produce from 10 to 15 spikes of flowers; 6 colors ..... .50

STRAW FLOWER (Helichrysum). Beautiful everlasting flowers, remaining perfect for months; 6 colors ..... .50

SWEET PEAS. Spencer or Orchid Flowering. A grand selection.

12 varieties 1.00

6 varieties ..... .50

VERBENAS. Mammoth Fancy. The kinds that bear the largest flowers; 6 colors ..... .50

ZINNIAS. Dwarf Double. Indispensable in every garden; masses of flowers in all shades; 6 grand colors ..... .40

Giant Dahlia Flowered. Immense flowers, resembling Dahlias; 8 separate varieties 1.25

Giant Double. Every shade of color found in Zinnias; 12 colors 1.00

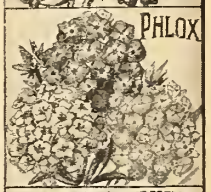
Giant Double. 6 colors ..... .50

SPECIAL COLLECTION—HARDY PERENNIALS

13 Choice Varieties for $1.00. One pkt. each of the following:

Aquilegia
Campanula
Centaurea
Chrysanthemum
Coreopsis
Delphinium
Dianthus
Digitalis
Gaillardia
Gypsophila
Hollyhock
Lupins
Sweet William

















ct)

MICHELL'S "DISTINCTIVE" FLOWER SEEDS

For Novelties and Specialties see pages 8 to 10

Our flower seeds have a reputation for their superior quality and for the excellent results obtained by sowing them. It is our constant endeavor to supply only such varieties and strains that will give the best of satisfaction.

Throughout the following pages of Flower Seeds the different varieties are designated as Annuals, Biennials, Perennials, etc., and for the benefit of those who are not familiar with these terms, we wish to make the following brief explanation:

Annuals. These grow and bloom, mature their seed and then die in the same year, such as Asters, Balsams, Poppies, Sweet Peas, Morning Glories, etc., some of which may be sown in the house from March to May, or outdoors, after danger from frost is over.

Biennials. These grow from seed sown during mid-summer, flowering the second year, after which they die; many of the varieties bloom the first season if sown early. In this class we have Pansies, English Daisies, Campanula Medium, Dianthus, etc.

Perennials. Those which live from year to year, such as Aquilegia, Delphinium, Foxglove, etc. Seed may be sown outdoors from June to September and transplanted late in fall into their permanent quarters, and protected during winter with a light litter of straw or leaves. The hardy perennials not usually needing any protection after the first winter; the half-hardy perennials require protection during the winter, and the tender perennials during the winter require greenhouse protection.

A COMPLETE INDEX OF FLOWER SEEDS WILL BE FOUND ON PAGE 2.

ABUTILON (Flowering Maple)

	Large Pkt.	Pkt.
Choice Mixed. Used for bedding out in the summer; also for flowering indoors during the winter; foliage of maple form; flowers bell-shaped; height, 3 feet	$0.75	$0.10

ACANTHUS

Latifolius. Stately hardy perennial foliage plant; large decorative leaves; July and August; 3 feet	.50	.15

ACHILLEA (Milfoil or Yarrow)

Ptarmica, Fl. Pl., "The Pearl." Pure white double flowers in great profusion all summer; hardy perennial; 2 feet	.75	.10

ACONITUM (Monk's Hood or Helmet Flower)

Napellus. Hardy perennial, thriving best in semi-shady situations; effective in hardy borders; long spikes of blue flowers; height, 4 feet; August-September	.40	.10

ACROCLINIUM (Everlasting Flower)

(See page 25)

ADLUMIA (Allegheny Vine)

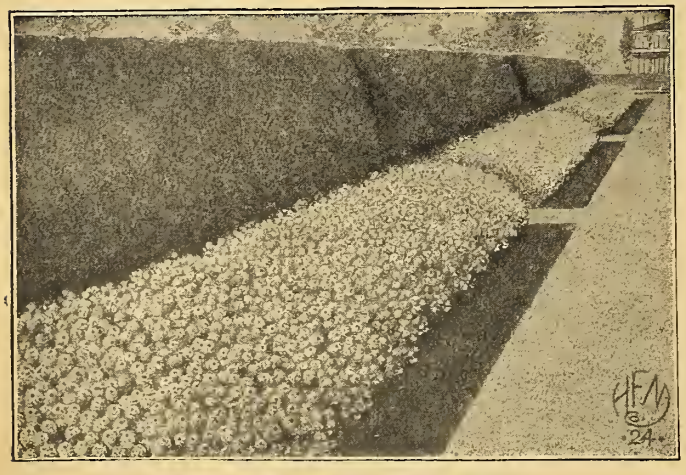
Cirrhosa. A hardy biennial climber, blooming the first season; rose colored flowers	.75	.10

ADONIS

Vernalis. Finely cut foliage; bright yellow flowers; perennial; 1 foot	.40	.10

AGROSTEMMA (Mullein Pink)

Coronaria. Silvery foliage and bright crimson flowers; hardy perennial of easy culture; fine for cutting; 2½ to 3 feet; June to August	.25	.10
Coronaria Alba. Pure white	.25	.10



Alyssum, Little Gem



Ageratum, Blue Perfection

AGERATUM (Floss Flower)

One of the best bedding plants, being literally a mass of bloom from early summer till frost.

	Large Pkt.	Pkt.
Blue Perfection. Large heads of deep blue flowers produced in abundance; 15 inches	$0.25	$0.10
Imperial Dwarf Blue. Clear blue; compact growing plant; height, 9 inches. oz., 60c.	.25	.10
Imperial Dwarf White. oz., 60c.	.25	.10
Imperial Dwarf Mixed	.25	.10
Little Blue Star. Plants densely covered with bright blue flowers; height, 5 inches	.75	.15

ALYSSUM

One of the most popular garden flowers, remaining in bloom the entire season; of the easiest culture; suitable for beds and edging in summer, or for growing in pots and boxes for winter blooming.

	Large Pkt.	Pkt.
Lilac Queen. Of dwarf, compact growth; flowers pure lilac color; 4 inches. oz., 60c.	$0.25	$0.10
Little Gem. Dwarf compact plants, densely covered with large white flowers; height, 4 inches. ¼ lb., $2.25; oz., 75c	.25	.10
Michell's Bouquet. Plants dwarf and compact; forms a perfect bouquet of miniature white flowers; a perfect gem for edging. For illustration and full description, see page 8. oz., $1.25	.30	.10
Sweet (*Maritimum*). The popular old-fashioned sort; the best for broad edges and vases. Pure white; height, 6 inches. ¼ lb., 90c.; oz., 30c		.10
Rostratum. Perennial; dwarf, golden yellow	.30	.15
Saxatile Compactum (*Basket of Gold*). An ideal hardy perennial plant, flowering in May; showy golden-yellow flowers; excellent for rockwork. Height, 1 foot. oz., $1.25	.30	.10

AMARANTHUS

Decorative foliage plants, easily raised from seed, either by starting them early indoors or sown outdoors in May.

	Large Pkt.	Pkt.
Caudatus (*Love Lies Bleeding*). Long drooping crimson racemes; height, 3 feet	$0.25	$0.10
Sunrise. Foliage bronzy crimson, tipped carmine	.25	.10
Tricolor Splendens (*Joseph's Coat*). Foliage green, variegated crimson and yellow; height, 2 feet	.25	.10
Mixed. All sorts	.25	.10

AMPELOPSIS (Boston or Japanese Ivy)

	Large Pkt.	Pkt.
Veitchi. Hardy perennial climber with olive-green leaves, which turn to scarlet in the autumn. The best climber for covering brick or stone walls; oz., 40c	$0.25	$0.10

ANCHUSA (Sea Bugloss)

Italica "Dropmore." A hardy perennial plant, 4 feet high, with flowers of a lovely gentian blue; 3 to 4 feet	.40	.10
Italica Opal. Large pale blue flowers; very beautiful; 3 to 4 feet	.60	.20

ANEMONE (Wind Flower)

A dainty Spring flowering perennial, with cup-shaped blossoms; splendid for bouquets.

	Large Pkt.	Pkt.
Coronaria. Mixed colors; 1 foot	$0.40	$0.10
Japonica, Elegans. Beautiful rose colored flowers.	.75	.10
St. Brigid or Poppy. Flowers large, semi-double and double, in many colors; 1 foot	.75	.15

ANTHEMIS (Hardy Marguerite)

Tinctoria Kelwayi. A handsome, hardy perennial, bearing all summer, daisy-like bright yellow flowers; excellent for cutting; 2 feet	.40	.10

ANTIRRHINUM (Snapdragon)

A splendid plant for beds or borders and one of our choicest cut flowers; extensively forced under glass during the winter. For early flowering, sow indoors during February or March, seeds sown outdoors early in May will bloom in July.

SPECIAL FORCING VARIETIES

	Large Pkt.	Pkt.
Geneva Pink. Glistening rose pink (Orig. Stock)	$1.25	
Helen. Lovely salmon color	1.25	
Keystone. Large spikes; color rose pink	.75	$0.25
Michell's Salmon Pink. Long spikes of flowers of a delicate salmon pink	.50	.15
Orlando. Beautiful bronze color	1.00	.25
Phelps' White	.50	.25
Phelps' Yellow	.50	.25
Philadelphia Pink. Considered to be the finest pure pink; an exquisite shade	.75	.25
Philadelphia Pink (Orig. Stock)	1.25	
Silver Pink. Flowers large	.75	.25

MAXIMUM VARIETIES

A new group of Antirrhinums with extra large flowers; these are also forcing varieties.

	Large Pkt.	Pkt.
Canary Bird. Canary yellow, golden yellow center	$0.50	$0.25
Cattleya. Silvery rosy lilac	.50	.25
Copper King. Coppery red	.50	.25
Snowflake. Pure white, yellow tube	.50	.25
Mixed. Maximum varieties	.40	.25



Michell's Giant Antirrhinum (Snap dragon)

ANTIRRHINUM (Snapdragon) (Continued)

MICHELL'S GIANT ANTIRRHINUMS

Spikes, 2 to 3 feet in length, with giant flowers.

	Large Pkt.	Pkt.
Giant Brilliant Rose	$0.30	$0.10
Giant Garnet	.30	.10
Giant Harmony. Orange shaded rose	.30	.10
Giant Pink	.30	.10
Giant Scarlet	.30	.10
Giant Striped	.30	.10
Giant White	.30	.10
Giant Yellow	.30	.10
Collection, one packet each 6 colors, 50c.		
Giant Mixed. All colors, oz., 90c.	.30	.10

ANTIRRHINUMS—Semi-Dwarf

The Semi-Dwarf sorts grow about 18 inches high, with large flowers over most of the stem; excellent for bedding.

		Large Pkt.	Pkt.
Semi-Dwarf.	**Bonfire.** Orange buff, shaded scarlet	$0.40	$0.10
"	**Bride.** Pure white	.40	.10
"	**Daphne.** Carmine pink, white throat	.40	.10
"	**Eclipse** (*New*). Brilliant, crimson red	.60	.15
"	**Firebrand.** Rich deep red	.40	.10
"	**Golden Queen.** Golden yellow	.40	.10
"	**Mauve Queen.** Lilac mauve	.40	.10
"	**Mont Blanc.** Pure white	.40	.10
"	**Nelrose.** Pure rose pink	.40	.15
"	**Mixed.** All colors, oz., $1.00	.30	.10
Tom Thumb Mixed. All colors; 12 inches		.30	.10



AQUILEGIAS OR COLUMBINES

These are among the most beautiful of spring and early summer flowers; very effective when grown in the herbaceous border and groups among shrubbery. Graceful spurred flowers on stems 2 feet or more above the fern-like foliage. Seed sown early in the spring will in most cases produce plants that will bloom the same season.

	Large Pkt.	Pkt.
Californica Hybrida. Mixed colors, principally yellow and orange shades; long spurs	$0.60	$0.10
Canadensis. The scarlet and yellow native species.	.60	.15
Chrysantha (*Golden Spurred*). Bright golden yellow.	.60	.10
Coerulea (*Rocky Mountain Columbine*). Large flowers, violet blue and white	.60	.10
Long Spurred Hybrids, Flowers of many rich and varied colors, with long spurs	.60	.10
Nivea Grandiflora. A beautiful large pure white	.40	.10
Rose Queen. Light to dark pink with white center and yellow anthers	.75	.15
Double Mixed. All colors, oz., 90c.	.25	.10
Single Mixed. All colors, oz., 75c.	.25	.10

ARABIS (Rock Cress)

Alpina. Early spring flowering perennial; especially adapted for edging and rockery; plants form a dense carpet completely covered with pure white blossoms; April-May; 6-inches	.25	.10

Testimonial

Waltham, Mass.

Please send the following order by special delivery; everything we have received from you has come perfect and we are very much pleased with Michell's service. L. G. K.



Arctotis Grandis

ARCTOTIS (African Daisy)

	Large Pkt.	Pkt.
Grandis. Bushy annual plants, producing the entire season, on long stems, large daisy-like flowers, pure white on the upper surface, the reverse side of petals lilac-blue; 2 feet	$0.25	$0.10

ARMERIA (Sea Pink or Thrift)

Formosa. A pretty hardy perennial for edgings, with deep pink flowers	.40	.10

ARUNDO (Ornamental Grass) See page 27.

ASPARAGUS

	100 seeds	Pkt.
Plumosus Nanus. An excellent plant for house or conservatory decoration or cutting on account of its graceful, finely cut foliage; will remain fresh a long time after being cut	$1.00	$0.25
Sprengeri. One of the best plants to grow in hanging baskets or window boxes for the greenhouse in winter or for outdoors in the summer	.50	.10

ASPERULA (Woodruff)

	Large Pkt.	Pkt.
Odorata. A pretty hardy perennial plant thriving in partial shade; flowers white. The leaves and flowers when dried have an odor like new mown hay and when laid among clothes perfume them and keep away insects; 1 foot; May	$0.30	$0.10

MICHELL'S CULTURAL LEAFLETS

We have prepared the following Cultural Leaflets especially for the benefit of the amateur, or, in fact, for any who may want them, giving instructions how to grow the varieties named successfully from seed. These leaflets are free.

201. Antirrhinum.	**208. Zinnia.**	**215. Cyclamen.**
202. Aster.	**209. Pansy.**	**216. Larkspur.** (Annual)
203. Cineraria.	**210. Salvia.**	**217. Lupinus.**
204. Mignonette.	**211. Stock.**	**218. Phlox Drum.**
205. Petunia.	**212. Perennials.**	**219. Nasturtium.**
206. Primula.	**213. Carnation.**	**220. Begonia.**
207. Verbena.	**214. Cosmos.**	

MICHELL'S SUPERB ASTERS

We can imagine no other flower which combines so much beauty with grace and usefulness and with which more brilliant effects can be achieved. From July until September this flower reigns supreme in the garden, not equalled by any other. For these obvious reasons we give a great deal of attention to these flowers, and are in a position to offer our patrons remarkably fine strains, producing perfect flowers of great beauty. All of the strains we offer are grown under our own supervision by specialists in this country. To have early flowers, sow the seed in the house, hotbed or cold frame, from March until May; otherwise sow outdoors after danger from frost has passed. To do well, Asters require a well pulverized soil, always kept open by continuous cultivation.

ASTERMUM

A valuable variety of Aster of the Comet type, coming into bloom in mid-season; plants grow straight up with strong, sturdy stems.

	Oz.	Large pkt.	Pkt.
Lavender	$2.25	$0.50	$0.15
Rose Pink	2.25	.50	.15
Shell Pink	2.25	.50	.15
White	2.25	.50	.15
Mixed	2.25	.50	.15
Collection, one pkt. each of above 4 colors..			.50

AMERICAN BEAUTY ASTERS

This variety is similar in type of flower and growth to the well-known Late Branching Asters, but differs in that all the large blossoms are produced on much longer and heavier stems. Plants will average two and one-half to three feet in height. The flowers are large and perfectly double.

	Large pkt.	Pkt.
Azure Fairy	$0.60	$0.15
Carmine Rose	.60	.15
Crimson	.60	.15
Lavender	.60	.15
Shell Pink	.60	.15
White	.60	.15
Mixed	.60	.15

Collection, one packet each of above 6 colors, 75c.

CALIFORNIA GIANT ASTERS

See color plate opposite page 8.

A new variety with flowers of the Crego type, and with the habit of growth and long stems of the Beauty type. Flowers are of immense size and stand up well after being cut.

	Large pkt.	Pkt.		Large pkt.	Pkt.
Dark Purple	$0.60	$0.25	**Peach Blossom**	$0.60	$0.25
Deep Rose	.60	.25	**White**	.60	.25
Light Blue	.60	.25	**Choice Mixed**	.60	.25

Collection, one pkt. each 5 colors as per color plate, $1.00.



Crego's Giant Comet Aster

Special Note.—While this splendid fall flower is very easily grown from seed, the greatest possible care should be exercised with the seed bed; old soil and boxes should never be used the second time without thoroughly sterilizing, to avoid the numerous diseases to which Asters are so susceptible. Barnyard manure should never be employed as a fertilizer; we recommend the use of fine ground bone meal and on no account should they be grown in the same location two years in succession.



Aster, American Beauty

CREGO'S GIANT COMET ASTERS

Our illustration can do but partial justice to this grand flower. The twisted and curled petals give the flower the appearance of a huge chrysanthemum. The flowers are very large, often measuring 5 inches in diameter.

	Oz.	Large pkt.	Pkt.
Azure Blue	$2.25	$0.50	$0.10
Crimson	2.25	.50	.10
Lavender	2.25	.50	.10
Purple	2.25	.50	.10
Rose Pink	2.25	.50	.10
Shell Pink	2.25	.50	.10
White	2.25	.50	.10
Mixed	2.00	.50	.10
Collection, one packet each of 6 colors			.50

EARLY WONDER ASTERS

The earliest variety in cultivation, coming into bloom several days before "Queen of the Market." The form is that of "Giant Comet" type; the flowers are large and very double; stems average 18 inches in length.

	Oz.	Large pkt.	Pkt.
Dark Blue	$3.00	$0.60	$0.10
Pink	3.00	.60	.10
White	3.00	.60	.10
Mixed	2.25	.50	.10

We have discontinued listing Daybreak Asters, owing to the uncertainty of procuring true stock seed, also because there are many better and newer varieties on the market.

MICHELL'S SUPERB ASTERS

HEART OF FRANCE ASTER

The flowers are large and full to the center; opens ruby red, deepening with age. Plants are of branching type. Per pkt., 25c.; 60c. per large pkt.; oz., $3.00.

MICHELL'S INVINCIBLE ASTER

Healthy, robust plants of branching growth, producing on 2-foot long stems, massive, well-formed flowers, which are always perfectly double.

	Oz.	Large pkt.	Pkt.
Blue	$2.25	$0.50	$0.10
Crimson	2.25	.50	.10
Lavender	2.25	.50	.10
Rose Pink	2.25	.50	.10
White	2.25	.50	.10
Mixed. All colors	2.00	.50	.10
Collection, one packet each of above 5 colors.			.40

PACIFIC BEAUTY ASTER

A good variety of the same type as Crego, producing a profusion of immense blooms of a rich lavender color. Pkt., 25c.; 60c. per large pkt.; oz., $3.00.

MICHELL'S PINK SUPERB ASTER

The flowers are of immense size, petals long and broad, those in the center lie curled and incurved, completely covering the crown; color, a beautiful shade of pink. Per pkt., 25c.; 75c. per large pkt.; oz., $3.50.



Queen of the Market Aster

QUEEN OF THE MARKET ASTER

Very desirable on account of its earliness and the freedom in which it blooms. Well-formed flowers are produced on 12-inch stems in the greatest profusion early in July.

	Oz.	Large pkt.	Pkt.
Blush Pink	$1.50	$0.40	$0.10
Crimson	1.50	.40	.10
Dark Blue	1.50	.40	.10
Light Blue	1.50	.40	.10
Rose Pink	1.50	.40	.10
White	1.50	.40	.10
Choice Mixed	1.50	.40	.10
Collection, one packet each of above 6 colors.			.50

VICK'S SILVERY ROSE ASTER

A long-stemmed, large-flowering variety; each petal is a combination of deep lilac rose, almost cerise, delicately threaded with white. Pkt., 15c.; 60c. per large pkt.; oz., $3.00.



Aster, Improved Semple's Branching

MICHELL'S IMPROVED SEMPLE'S BRANCHING ASTER

This is the finest late blooming Aster. The deep, heavy incurved flowers are borne on rigid stems often 2 feet and more in length. Our Improved Strain has been secured after many years of careful selection. An excellent variety for cutting or bedding.

	Oz.	Large pkt.	Pkt.
Crimson	$2.25	$0.50	$0.10
Lavender	2.25	.50	.10
Purple	2.25	.50	.10
Rose Pink	2.25	.50	.10
Shell Pink	2.25	.50	.10
White	2.25	.50	.10
Choice Mixed	1.50	.40	.10
Collection, one pkt. each of above 6 colors..			.50

ASTER, EARLY ROYAL BRANCHING

An excellent strain of Early Branching Aster, of the same form and having the same good qualities as the Late Branching variety, coming into bloom in July or early August.

	Oz.	Large pkt.	Pkt.
Lavender	$2.25	$0.50	$0.10
Purple	2.25	.50	.10
Rose Pink	2.25	.50	.10
Shell Pink	2.25	.50	.10
White	2.25	.50	.10
Mixed	2.00	.50	.10
Collection, one pkt. each of above 5 colors..			.40

GIANT SINGLE ASTER SOUTHCOTE BEAUTY

A splendid variety of Giant Single Aster which are becoming exceedingly popular; the flowers have long, perfectly formed curved petals with golden centers; unrivaled for cutting and house decoration; 1½ feet.

	Oz.	Large pkt.	Pkt.
Lavender	$2.25	$0.60	$0.15
Pink	2.25	.60	.15
Purple	2.25	.60	.15
Scarlet	2.25	.60	.15
White	2.25	.60	.15
Choice Mixed	2.25	.60	.15
Collection, one packet each of above 5 colors.			.60

PERENNIAL ASTER
(Michaelmas Daisy)

One of the showiest of our late flowering, perennial plants; star-like, single flowers; if sown early in spring will flower the first season.

	Large pkt.	Pkt.
Alpinus. Purple with large yellow center; 1 foot	$0.60	$0.15
Alpinus Albus. Pure white	.60	.15
Choice Mixed. Many beautiful shades; 2 to 3 feet.	.40	.10

AUBRIETIA

	Large pkt.	Pkt.
Deltoides. Very compact, spring flowering perennial; lavender-blue flowers; 4 inches	$0.75	$0.15

AURICULA (Primula Auricula)

Choice Mixed. Beautiful low growing, early spring flowering plants; fine for borders, pot culture, etc.; half-hardy perennial; 6 inches; May	.75	.10

AVENA (Ornamental Grass) (See page 27)

BABY'S BREATH. See Gypsophila

BACHELOR'S BUTTON. See Centaurea and Gomphrena

BALLOON VINE (Love-in-a-Puff)

	Oz.	Pkt.
A rapid growing annual climber; white flowers, followed by seed pod which look like miniature balloons	$0.25	$0.10



Camellia Flowered Balsam

DOUBLE BALSAM (Lady's Slipper)

These old-fashioned flowers have been much improved, and what we offer are perfect in form and of the largest size; height, 2 feet.

	Oz.	Large Pkt.	Pkt.
Camellia Flowered, Pink	$1.00	$0.30	$0.10
Camellia Flowered, Prince Bismarck. Rich salmon pink	1.00	.30	.10
Camellia Flowered, Scarlet	1.00	.30	.10
Camellia Flowered, White Perfection	1.00	.30	.10
Camellia Flowered, Choicest Mixed	.60	.25	.10

BALSAM APPLE (Mormordica)

Remarkably handsome climbing annuals, bearing ornamental orange-colored fruit	oz., 50c.	.25	.10

BAPTISIA (False Indigo)

	Large pkt.	Pkt.
Australis. A strong growing perennial plant 2 feet high; dark green, deeply cut foliage and spikes of dark blue, pea-shaped flowers in June and July	$0.50	0$.10

BEAN (Runner)

A rapid climber, flowering profusely; grows 10 to 15 ft. high.

Scarlet. Per lb., 35c.; 65c. per 2 lbs.; pkt., 5c.

BELLIS PERENNIS. See Daisy

BLANKET FLOWER. See Gaillardia

BLUE LACE FLOWER. See Didiscus

BOCCONIA (Plume Poppy)

	Large pkt.	Pkt.
Cordata. A splendid, hardy perennial, with glaucous green foliage, and bearing freely, spikes 2 to 3 feet long of creamy white flowers; 5 feet	$0.25	$0.10

BRIZA MAXIMA (Ornamental Grass) See page 27

BROMUS (Ornamental Grass) See page 27



Begonia, Gracilis Luminosa

BEGONIA (Semperflorens Type)

The following varieties are unsurpassed for bedding plants, thriving equally well in partially shaded or sunny locations. As pot plants for winter flowering they are superb.

	Large pkt.	Pkt.
Albert Martin (*New*). Bright crimson scarlet; dark foliage; extra large flowers	$1.00	$0.25
Erfordia. Delicate pink; one of the choicest	.75	.15
Glory of Erfurt (*Improved*) (*New*). Large, rosy carmine; splendid bedder	1.25	.25
Salmon Queen. Flowers brilliant salmon red; foliage dark green	.75	.20
Vernon. Deep red flowers and bronzy-red foliage	.50	.20
Choice Mixed. All colors	.50	.20

BEGONIA, GRACILIS

One of the finest outdoor flowering Begonias; plants are literally covered with flowers throughout the summer; height, 1 foot.

	Large pkt.	Pkt.
Gracilis Alba. Pure white	$0.50	$0.15
Gracilis Luminosa. Brilliant fiery dark scarlet	.75	.20
Gracilis Prima Donna. Rose, shading to carmine.	.75	.20
Gracilis Rosea. Light pink	.50	.15

BEGONIA, TUBEROUS ROOTED

These magnificent flowers are becoming very popular because they are of easy culture and extremely showy; thrive in semi-shady situations.

	Large pkt.	Pkt.
Double Choice Mixed		$0.50
Single Choice Mixed	$0.75	.15

BROWALLIA

One of our favorite bedding plants, producing beautiful flowers during the summer and autumn months; blooms finely in the winter if the plants are lifted in the autumn and cut back; 18 inches.

	Large pkt.	Pkt.
Elata Coerulea. Large sky-blue flowers	$0.30	$0.10
Speciosa Major. Large flowers of brilliant ultramarine blue	1.00	.20

BUTTERFLY FLOWER. See Schizanthus



Michell's Grandiflora Calceolaria

CALCEOLARIA

Excellent plants for decorating the greenhouse or conservatory; produces a mass of pocket-like flowers through the spring and summer.

	Large pkt.	Pkt.
Hybrida Grandiflora Tall Mixed. Large, self-colored flowers from a choice collection; 18 inches	$0.85	$0.25
Hybrida Grandiflora Pumila Compacta. Of dwarf, compact growth; immense trusses of large self-colored and spotted flowers; 1 foot	.85	.25
Rugosa Mixed (*Shrubby*). Small flowering varieties for bedding	.85	.25

CALIFORNIA POPPY. See Eschscholtzia

CALLIOPSIS (Coreopsis)

ANNUAL VARIETIES

Showy and easily grown annuals; perfect little bushes, which are a mass of bloom from early summer until cut down by frost; excellent for cutting.

	Oz.	Large Pkt.	Pkt.
Golden Wave (*Drummondii*). Large yellow flowers with dark brown centers; 1 foot	$0.50	$0.25	$0.10
Choice Mixed. All varieties and colors	.40	.25	.10

PERENNIAL VARIETIES

One of our most popular perennials; the attractive flowers are borne in great profusion and are excellent for cutting.

	Oz.	Large Pkt.	Pkt.
California Sunbeams. Very large flowers, beautifully formed; yellow and brown	$0.75	$0.25	$0.10
Lanceolata Grandiflora. Single golden yellow flowers of graceful form	.50	.25	.10
Lanceolata Grandiflora Fl. Pl. (*Double Flowering Coreopsis*). Similar in habit to the above; flowers double and semi-double; splendid for cutting		.40	.10



Calendula, Michell's Special Forcing, Orange

CALENDULA (Pot Marigold)

Free flowering showy annuals of easy culture, producing a fine effect in beds or mixed borders; valuable also for pot culture for Winter and Spring blooming; 1 foot.

	Oz.	Large Pkt.	Pkt.
Michell's Special Forcing, Orange	$1.50	$0.50	$0.20
Ball's Strain. Bright, glowing orange		.60	.25
Lemon King. Lemon-yellow	.40	.25	.10
Meteor. Yellow striped orange	.40	.25	.10
Orange King. Rich dark orange	.40	.25	.10
Pure Gold. Pure golden yellow	.40	.25	.10
Mixed Colors	.30		.10



Calliopsis, Golden Wave

CAMPANULA MEDIA (Canterbury Bell)

Showy, hardy biennial, growing about 3 feet high with large bell-shaped flowers. Sow from June 1st till September 1st; when strong enough transplant to a distance of 6 inches apart; after frost has set in protect with leaves and straw. They flower the following summer, after which they die.

	Oz.	Large Pkt.	Pkt.
Single Blue	$0.60	$0.25	$0.10
Single Pink	.60	.25	.10
Single White	.60	.25	.10
Single Mixed	.50	.25	.10
Double Blue		.50	.10
Double Pink		.50	.10
Double White		.50	.10
Double Mixed	1.50	.40	.10

CAMPANULA MEDIA CALYCANTHEMA
(Cup and Saucer Canterbury Bells)

These produce beautiful large single flowers resembling a cup and saucer.

	Large pkt.	Pkt.		Large pkt.	Pkt.
Blue	$0.50	$0.10	**Pink**	$0.50	$0.10
Lilac	.50	.10	**White**	.50	.10
			Mixed, ¼ oz., 60c...	.50	.10

CAMPANULAS OR BELLFLOWERS
(Perennial Varieties)

Well known hardy perennials, bearing a profusion of beautiful bell-shaped flowers.

	Large pkt.	Pkt.
Carpatica, Blue (*Carpathian Hare Bell*). Compact tufts not exceeding 8 inches; flowers clear blue	$0.40	$0.10
Carpatica, Alba. Pure white	.40	.10
Latifolia Macrantha. Handsome large, purplish-blue flowers; 2 feet	.60	.10
Persicifolia Grandiflora, Blue (*Peach Bells*). Stately spikes, 4 feet tall, with immense blue bell-shaped flowers	.75	.15
Persicifolia Grandiflora, Alba. Pure white	.75	.15
Pyramidalis (*Chimney Bellflower*). Perfect pyramids 4 to 6 feet high, with large bell-shaped flowers, blue and white mixed	.40	.10

CANARY BIRD VINE
(Tropaeolum Canariense)

	Oz.	Pkt.
One of the most charming annual climbers, bearing hundreds of pretty, fringed, bright yellow flowers	.40	.10



Candytuft, Michell's Giant White



Campanulas

CANDYTUFT (Iberis)

Dwarf, profuse flowering garden annuals of easy culture; useful for bedding or borders; blooms within eight weeks after sowing; excellent for cutting; height, 1 foot.

	Oz.	Large Pkt.	Pkt.
Carmine	$0.40	$0.25	$0.10
Crimson	.40	.25	.10
Empress. An excellent variety with long trusses of pure white flowers	.40	.25	.10
Lavender	.40	.25	.10
Michell's Giant White. The largest and finest white. From 10 to 12 immense spikes resembling Hyacinths appear on a single plant; fine for forcing	.60	.25	.10
Pink	.40	.25	.10
Purple. Deep rich purple	.40	.25	.10
Rose Cardinal. Rosy red	.60	.25	.10
Choice Mixed. All colors	.30		.10
Collection. One packet each, 6 colors			.50
Sempervirens. Dwarf spring flowering perennial; ideal for the bulb border; flowers glistening white; May; 1 foot		.60	.10

Testimonial

Patchogue, N. Y.

Your Giant White Candytuft which I planted in April has been A No. 1 quality; stems 15 and 18 inches long and very fine.

W. S. B.

CANNA (Indian Shot)

Although these are generally planted from roots, they may be grown with comparative ease from seed. Scrape or file the edge of seed and soak in warm water until they show signs of swelling, then sow in sandy loam and place in a hotbed.

	Oz.	Pkt.
Crozy's Dwarf Mixed. From the finest sorts	$0.30	$0.10

CARDINAL CLIMBER (Ipomoea Quamoclit Hybrida)

A rapid grower and free bloomer; the vines branch freely, growing to a height of 20 to 30 feet. Leaves dark green and deeply lacinated; bears a profusion of fiery, cardinal red flowers. In order to have good germination of the seed, a small notch should be filed or cut in each seed. Per pkt., 10c.; 60c. per large pkt.



Carnation, Chabaud's Giant

CARNATION

These are general favorites for their richness of color and delightful fragrance; they are desirable for greenhouse culture in winter as well as for the garden in summer.

	Large pkt.	Pkt.
Early Vienna Mixed. Large double flowers; hardy.	$0.50	$0.10
Choice Mixed. Double border; hardy	.50	.10

CHABAUD'S GIANT CARNATION

Blooms in five months after being sown and continues to bloom throughout the summer; flowers of fine substance and usually produce 90 per cent double flowers.

	Large pkt.	Pkt.
Jeane Dionis. Pure white	$0.75	$0.15
Sparkler. Brilliant cardinal red	.75	.15
The Pearl. Beautiful rose pink	.75	.15
Choice Mixed	.60	.15

MARGUERITE CARNATIONS

These are the most satisfactory of the annual pinks, and will bloom in four months after sowing the seed. The flowers are large, fragrant and are produced continuously. If slightly protected they will survive an ordinary winter and bloom the following spring.

	Large pkt.	Pkt.
Pink	$0.50	$0.10
Scarlet	.50	.10
White	.50	.10
Yellow	.50	.10
Choice Mixed oz., $2.00	.40	.10

CASTOR BEAN. See Ricinus

CERASTIUM (Snow in Summer)

	Large pkt.	Pkt.
Tomentosum. Dwarf, white-leaved edging plant; flowers white; perennial; 4 inches	$0.40	$0.10



CELOSIA CRISTATA (Crested Cockscomb)

Very desirable annuals of easy culture, producing large, brilliant comb-like heads; excellent border plants; 1 to 1½ feet.

	Large pkt.	Pkt.
Giant Empress. Giant heads of rich crimson	$0.60	$0.10
Glasgow Prize. Showy dark crimson	.60	.10
Choice Mixed. Dwarf varieties oz., $1.50	.40	.10

CELOSIA PLUMOSA (Feathered Cockscomb)

A splendid decorative plant for the garden. The feathery plumes are produced on long stems and are excellent for cutting. Can also be cut and dried for winter bouquets.

	Large pkt.	Pkt.
Childsi (*Chinese Woolflower*). Plants grow 2½ feet high and produce a large number of ball-shaped scarlet flowers, resembling silky wool	$0.50	$0.15
Childsi, Pink. Same type as above; flowers delicate pink	.60	.15
Chrysantheflora (*New*). Immense round heads of flowers, in a great variety of colors	.60	.25
Golden Plume. Bright golden yellow plumes	.25	.10
Pride of Castle Gould. Immense flower heads that closely resemble ostrich plumes. Colors are blood-red, carmine, yellow, orange, golden, orange-scarlet, etc., in mixture	.75	.15
Scarlet	.25	.10
Rosea. Bright rose	.25	.10
Thompson's Superb (*Triomphe de l' Exposition*). A strain with bronze colored foliage and graceful feathery plumes of brilliant crimson; 3 feet	.25	.10
Choicest Mixed. All colors oz., 60c.	.25	.10

CHEIRANTHUS

	Large pkt.	Pkt.
Allionii (*Siberian Wallflower*). A biennial, but best treated as an annual; brilliant orange flowers	.30	.10

CHELONE

A very showy perennial bedding plant; June to August; 2 ft.

	Large pkt.	Pkt.
Hybrida Torreyi. Brilliant scarlet	$0.50	$0.15
Hybrida Mixed. Various colors	.50	.15

CHINESE WOOLFLOWER. See Celosia



Centaurea Cyanus

CENTAUREAS

CENTAUREA CYANUS

(Cornflower or Bachelor's Button)

Also known as Blue Bottle, Ragged Sailor, Bluet, etc.; an old favorite garden annual; excellent for cutting; 2 feet.

	Oz.	Large pkt.	Pkt.
Double Blue	$0.60	$0.25	$0.10
Double Rose	.60	.25	.10
Double White	.60	.25	.10
Double Mixed	.40	.25	.10
Emperor William. Single deep blue	.40	.25	.10
Single Choice Mixed	.40	.25	.10

CENTAUREA IMPERIALIS

(Giant Cornflower, or Sweet Sultan)

The finest of all Sweet Sultans for cut flower purposes; gigantic, beautiful, sweet-scented flowers borne on long stems. 2 to 3 feet.

	Oz.	Large pkt.	Pkt.
Deep Rose	$1.25	$0.30	$0.10
Lavender	1.25	.30	.10
Lilac	1.25	.30	.10
Brilliant Pink	1.25	.30	.10
Purple	1.25	.30	.10
White	1.25	.30	.10
Choice Mixed	.75	.25	.10
Collection, One packet each above 6 colors.			.50

NEW GIANT FLOWERED CENTAUREAS

Magnificent flowers produced on long, stout stems; excellent for cutting.

	Large pkt.	Pkt.
Bride. Pure white	$0.50	$0.10
Bridegroom. Purplish mauve	.50	.10
Honeymoon. Golden yellow	.50	.10

WHITE LEAVED CENTAUREA (Dusty Miller)

Grown for their silvery foliage as edging plants, also for vases, hanging baskets, etc.

	500 seeds	Pkt.
Candidissima. Broad cut leaves of silvery gray	$0.30	$0.10
Gymnocarpa. Fine cut silvery gray foliage	.20	.10

VARIOUS CENTAUREAS

	Large pkt.	Pkt.
Suaveolens (*Yellow Sweet Sultan*). Showy, bright yellow, fragrant blossoms	$0.30	$0.10
Montana (*Hardy Cornflower*). Violet blue; 18 inches	.30	.10



Annual Chrysanthemums

CHRYSANTHEMUM (Annual Varieties)

Exquisitely colored daisy-like flowers with finely cut foliage.

		Large pkt.	Pkt.
Helios (*Evening Star*). Large golden yellow flowers often measuring 4 inches across; height, 2 feet		$0.25	$0.10
Double Mixed	oz., 40c.	.25	.10
Single Mixed	oz., 40c.	.25	.10

CHRYSANTHEMUM (Perennial Varieties)

Colossal Queen (*New*). A magnificent variety, bearing a profusion of large, pure white flowers	.75	.25
Early Flowering Double and Semi-Double Mixed. A perennial variety, which can also be treated as an annual, blooming the first year from seed	.75	.25
Japanese Hybrids. Large flowers of the finest types; an extra choice mixture; seed sown in spring will produce flowering plants by fall; 2 feet	.75	.15
King Edward VII. Flowers extra large, pure white; very free flowering	.30	.10
Shasta Daisy, "Alaska." Extra large flowers, of pure glistening white; 2 feet	.60	.10

CINERARIA. See next page

CLARKIA

Annuals of easy culture; planted in large groups they are very bright and effective.

	Large pkt.	Pkt.
Single Mixed. All colors	$0.25	$0.10
Double Mixed. All colors	.25	.10

CLEMATIS

Paniculata (*Japanese Virgin's Bower*). The beautiful autumn-flowering variety, admired for its fragrant, white star-shaped flowers; perennial climber	.25	.10

CLEOME (Spider Plant)

Pungens. An attractive annual plant with curious heads of pink flowers	.25	.10

COBAEA SCANDENS (Cup and Saucer Vine)

Well-known climber of rapid growth, producing large, bell-shaped blossoms; in sowing, place the seeds edgewise, and merely cover with light soil.

	Large pkt.	Pkt.
Purple oz., 50c.	$0.25	$0.10
White	.30	.10

COCKSCOMB. See Celosia

COIX LACHRYMAE (Ornamental Grass)

See page 27



Cineraria, Multiflora Nana

CINERARIA

Most ornamental plants for conservatory or house decoration; seed may be sown from May to September for a succession. Our strains cannot be surpassed; immense trusses of large flowers, often measuring 4 inches across.

CINERARIA, MULTIFLORA NANA

Berlin Market Strain (Novelty)

An improved strain of this splendid pot plant; very dwarf and compact; flowers of large size, produced in great profusion and in a range of the best colors and shades.

	Large pkt.	Pkt.
Azure Blue	$1.25	$0.50
Dark Blue	1.25	.50
Dark Red	1.25	.50
Rose	1.25	.50
Mixed Colors	1.00	.50

CINERARIA, GRANDIFLORA PRIZE

	Large pkt.	Pkt.
Grandiflora Prize Dwarf. Mixed colors; plants of dwarf habit	$0.85	$0.35
Grandiflora Prize Medium Tall. Mixed colors; desirable as a decorative plant	.85	.35
Matador. Large flowering scarlet	.85	.35
Stellata Hybrida. Of graceful habit; produces a profusion of flowers; mixed colors	.75	.25

WHITE LEAVED CINERARIA (Dusty Miller)

	Large pkt.	Pkt.
Maritima Candidissima. Silvery green, lacinated foliage; good for edging	$0.25	$0.10

COLEUS

Large Leaved Hybrids. Popular bedding plants with beautifully colored foliage; easily grown from seed if kept in a warm temperature	.75	.25

CONVOLVULUS (Morning Glory)

MAJOR, OR TALL VARIETIES

One of the most popular annual climbers, growing about 15 feet in height and thriving in almost any situation.

	Oz.	Pkt.
Japanese Imperial. Flowers of immense size and of a great variety of colors	$0.30	$0.10
Japanese Imperial Fringed. Large fringed flowers of many beautiful colors and shades	.40	.10
Mixed. The old fashioned variety	.20	.05
Double Flowering. Mixed colors	.50	.10

MINOR, OR DWARF VARIETIES

A very showy, hardy annual for flower beds and borders, also rock work; height, 1 foot.

	Oz.	Pkt.
Tricolor. Blue	$0.20	$0.10
Mixed Colors	.20	.10

COREOPSIS. See Calliopsis

CORNFLOWER. See Centaurea



Michell's Giant Flowering Cosmos

COSMOS

One of the most beautiful and useful of hardy annuals, producing large showy flowers in great profusion; excellent for cutting.

DOUBLE EARLY FLOWERING COSMOS

This new early flowering strain will begin blooming in July and continue until frost.

	Large pkt.	Pkt.
Double Early Flowering, Crimson	$0.75	$0.25
" " " **Pink**	.75	.25
" " " **White**	.75	.25
" " " **Mixed**	.60	.25

DOUBLE LATE FLOWERING COSMOS

These, which are of recent introduction, are becoming more popular each season. Excellent for cutting.

	Large pkt.	Pkt.
Double Crested Crimson	$0.50	$0.15
Double Crested Pink Beauty	.50	.15
Double Crested White Queen. Pure white	.50	.15
Double Crested Mixed	.50	.15

LARGE EARLY FLOWERING COSMOS

This new Early Flowering Strain will begin blooming as early as July and will continue until frost; flowers large, often measuring 3 inches across; 4 feet.

	Oz.	Large pkt.	Pkt.
Crimson	$0.60	$0.25	$0.10
Pink	.60	.25	.10
White	.60	.25	.10
Mixed	.50	.25	.10

GIANT LATE FLOWERING COSMOS

Large flowers of perfect form, on long stems and lasting until frost; 5 to 6 feet.

	Oz.	Large pkt.	Pkt.
Giant Crimson	$0.50	$0.25	$0.10
" **Pink**	.50	.25	.10
" **White**	.50	.25	.10
" **Mixed**	.40	.25	.10
Giant Lady Lenox. Flowers are of immense size; color, shell pink	.50	.25	.10
Giant White Lady. A selection from the Lady Lenox described above; pure white	.50	.25	.10
Klondyke. Large golden yellow flowers	1.25	.30	.10

CUPHEA (Cigar Plant)

	Large pkt.	Pkt.
Platycentra. A pretty half-hardy perennial; fine for the border or as a pot plant; long, tube-shaped scarlet flowers with black and white lip	$0.75	$0.10

CYCLAMEN

Most beautiful winter and spring flowering plants for the window and greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental.

MICHELL'S GIANT SHOW

Grown for us by a specialist who has received numerous first prizes for the large size and beautiful coloring of the flowers.

	100 seeds	Pkt.
Bright Red	$2.50	$0.50
Dark Blood Red	2.50	.50
Glory of Wandsbek. Salmon red	2.75	.50
Improved Salmon (*New*)	2.75	.50
Perle of Zehlendorf. Salmon pink	2.75	.50
Pure White	2.50	.50
Rose of Marienthal. Bright pink	2.50	.50
Safranin Red (*New*)	3.00	.50
Salmon Purple	2.75	.50
Salmon Scarlet	3.00	.50
White with Carmine Eye	2.50	.50
Mixed. All colors	2.25	.40

CYNOGLOSSUM (Chinese Forget-Me-Not)

	Large pkt.	Pkt.
Amabile. An annual of easy culture, producing sprays of intense blue Forget-Me-Not-like flowers.	$0.50	$0.10

CYPERUS (Umbrella Plant)

Alternifolius. An elegant plant for growing in water or damp places; useful as a pot plant	.50	.10

CYPRESS VINE (Ipomoea Quamoclit)

A very graceful twining annual climber, with delicate fern-like foliage. Seed should be soaked for a few hours in warm water before sowing; 15 feet.

	Oz.	Large pkt.	Pkt.
Scarlet	$0.50	$0.25	$0.10
White	.50	.25	.10
Mixed	.40	.25	.10

DAHLIAS (From Seed)

There is no more fascinating flower to raise from seed than the Dahlia, for the result is a series of surprises.

DOUBLE FLOWERING VARIETIES

	Large pkt.	Pkt.
Cactus. Choice mixed, from the best varieties	$0.75	$0.10
Large Flowering (*Show Type*). Mixed; extra fine	.60	.10

SINGLE FLOWERING VARIETIES

Collarette. Flowers of various colors, with a collar of small petals around the center; novel and beautiful.	.40	.10
Giant Perfection. Immense single flowers of various colors and shades	.30	.10

DAISY, ENGLISH DOUBLE (Bellis Perennis)

These are favorite perennials; seed may be sown any time from spring till August, transplanted in the fall and protected during the winter, and they will flower the following spring.

	Large pkt.	Pkt.
Monstrosa, Pink. These surpass all strains of this popular plant in strong, robust growth and in the abundance of extra large, perfectly double flowers.	$0.75	$0.25
Monstrosa, White	.75	.25
Monstrosa, Mixed	.75	.25
Double Mixed. Extra fine	.50	.10

DICTAMNUS (Gas Plant)

Fraxinella. Showy, bushy plants, 2½ feet high; purple red flowers; June and July	.40	.10
Fraxinella Alba. Pure white flowers	.60	.10

DIDISCUS

Coeruleus (*Blue Lace Flower*). An easily grown annual which is becoming very popular; the plant grows about 18 inches high and produces attractive, umbel-shaped flowers of lace-like appearance; the color is a delicate azure blue; excellent for cutting. Per pkt., 15c.; 50c. per large pkt.



Delphinium, Gold Medal Hybrids

DELPHINIUM (Hardy Perennial Larkspur)

One of the finest hardy perennials. Very effective in beds, masses or borders. To prolong the season of bloom, cut the old flower stems off after they have faded and new shoots will produce flower heads successively.

English Hollyhock (*Watkin Samuel's Wrexham Strain*). The finest large flowered type to date; colors range from delicate Belladonna blue to deepest blues and purples; immense flower spikes; selected mixture. Pkt., 50c; $1.50 per large pkt., (300 seeds).

Belladonna. One of the most continuous blooming varieties; immense spikes of clear turquoise blue; 5 feet. Pkt., 25c.; 60c. per large pkt.

Bellamosum. A rich, deep blue form of the popular light blue Belladonna. Pkt., 25c.; 75c. per large pkt.

Chinense Grandiflorum. A dwarf strain with loose branches and sprays of bright blue flowers; 2 feet. Pkt., 10c.; 30c. per large pkt.; oz., $1.25.

Chinense Grandiflorum Album. Pure white flowers. Pkt., 10c.; 30c. per large pkt.; oz., $1.25.

Formosum. Deep blue; 3 feet. Pkt., 10c.; 75c. per large pkt.; oz., $3.50.

Gold Medal Hybrids. Produces long spikes of large flowers. An extra fine strain containing many shades of blue. Pkt., 10c.; 40c. per large pkt.; oz., $1.50.

Double Hybrids. A splendid mixture of large double flowering varieties. Pkt., 15c.; 75c. per large pkt.

Woodacres Hybrids. An extra selected strain from one of the finest collections in the world. Pkt., 40c; $1.00 per large pkt.

Blue Butterfly. An annual variety of an exquisite deep blue. Pkt., 15c.; 50c. per large pkt.; oz., $2.25.

White Butterfly. A splendid white flowering type of the above. Pkt., 15c.; 50c. per large pkt.; oz., $2.25.



Dianthus—Annual Pinks

DIANTHUS (Pinks)

Easily raised from seed, flower abundantly and continuously until frost; very effective in the garden and splendid for cutting.

DOUBLE ANNUAL SORTS

		Large pkt.	Pkt.
China or Indian Pink.	All colors mixed..oz., 60c.	$0.25	$0.10
Fireball.	Fiery scarlet.....oz., $1.50	.40	.10
Fringed.	Large flowers; mixed.....oz., $1.00	.30	.10
Japan Pink.	Choice mixed.....oz., 75c.	.25	.10
White.	Large fringed flowers.....oz., $1.50	.40	.10

SINGLE ANNUAL SORTS

Japan Pink.	All colors mixed.....oz., 60c.	.25	.10

HARDY GARDEN PINKS

Elegant summer flowering border plants, producing a wealth of deliciously fragrant flowers.

	Large pkt.	Pkt.
Clove Scented. Double and semi-double varieties, in beautiful colors; fragrant.....	$0.50	$0.10
Deltoides (*Maiden Pink*) **Brilliant.** Dwarf brilliant carmine.....	.75	.15
Double Scotch. Choice colors.....	.50	.15
Erfurt. Dwarf; compact; early; mixed colors.....	.60	.10
Latifolius Atrococcineus Fl. Pl. (*Everblooming Hybrid Sweet William*). Free flowering; velvety crimson scarlet; double.....	.40	.10
Pheasant's Eye. Single fringed flowers; mixed colors.....oz., 75c.	.25	.10
Superbus Nanus. Dwarf, pure white; sweet scented.....	.60	.10



Digitalis (Foxglove) Gloxiniaeflora

DIGITALIS (Foxglove)

Handsome ornamental hardy plants of stately growth, succeeding almost anywhere. Produces long spikes of beautiful, tubular-shaped flowers; 4 to 5 feet.

	Oz.	Large Pkt.	Pkt.
Gloxiniaeflora, Pink.....	$1.00	$0.30	$0.10
" **Purple**.....	1.00	.30	.10
" **White**.....	1.00	.30	.10
" **Mixed**.....	.75	.25	.10
Grandiflora. Light yellow.....	1.25	.30	.10
Maculata Superba. A beautiful spotted variety.....		.40	.15

DIMORPHOTHECA

	Large pkt.	Pkt.
Aurantiaca (*African Orange Daisy*). One of the showiest garden annuals; compact, bushy plants with orange-gold daisy-like blooms on long stems.	$0.30	$0.10
Aurantiaca Hybrida. A splendid mixture of colors and shades.....	.30	.10

DOLICHOS (Hyacinth Bean)

Rapid growing annual climber, bearing a profusion of bean-like flowers; excellent for arbors, trellises, etc.

	Oz.	Pkt.
Darkness. Flowers reddish violet.....	$0.25	$0.10
Daylight. A pure white variety.....	.25	.10
Choice Mixed.....	.20	.10

DRACAENA

Ornamental plants for vases or conservatory decoration.

		Large pkt.	Pkt.
Australis.	Broad green leaves.....	$0.30	$0.10
Indivisa.	Narrow green leaves.....oz., 50c.	.25	.10

DUSTY MILLER. See Centaurea and Cineraria Maritima.

ECHINOCYSTIS (Wild Cucumber Vine)

Lobata.	One of the quickest growing vines; excellent for covering trellises, fences, etc.....oz., 30c.		.10

ECHINOPS (Globe Thistle)

	Large pkt.	Pkt.
Ritro. Hardy perennial plants with thistle-like leaves and globe-shaped bristly flowers; 3 to 4 feet.	$0.25	$0.10

ERYNGIUM (Sea Holly)

A handsome ornamental perennial plant, with round heads of flowers, which can be cut and dried for winter bouquets; 3 feet.

	Large pkt.	Pkt.
Amethystinum. Metallic blue flowers	$0.75	$0.15
Planum. Pale blue	.25	.10



Eschscholtzia (California Poppy)

ESCHSCHOLTZIA (California Poppy)

An elegant hardy annual with fine cut foliage, and large Poppy-like flowers; in bloom from June until frost; fine for borders or large beds; 1 foot.

		Large pkt.	Pkt.
Californica. Pure yellow	oz., 40c.	$0.25	$0.10
Carmine King. Beautiful carmine rose	oz., 60c.	.25	.10
Golden West. Large golden yellow flowers.	oz., 40c.	.25	.10
Mandarin. Orange and brilliant scarlet.	oz., 40c.	.25	.10
Mauve Beauty. Beautiful lavender mauve.	oz., $2.25	.50	.15
Rose Cardinal. Carmine rose	oz., 40c.	.25	.10
Vesuvius. Rich wallflower or coppery red.	oz., 90c.	.30	.10
White	oz., 40c.	.25	.10
Choice Mixed	oz., 40c.	.25	.10
Collection, one packet each, 8 varieties			.60

EULALIA (Ornamental Grass) See page 27.

EUPATORIUM

A fine hardy perennial border plant, which will grow and thrive in almost any situation; excellent for cutting; 2 feet.

	Large pkt.	Pkt.
Fraseri. Feathery white flowers	$0.30	$0.10

EUPHORBIA

Annual plants suitable for beds of tall growing plants or mixed borders; showy ornamental foliage; height, 2 to 3 feet.

		Large pkt.	Pkt.
Heterophylla (*Mexican Fire Plant*). Glossy green leaves turning to orange scarlet in mid-season		$0.30	$0.10
Variegata (*Snow on the Mountain*). Foliage veined and margined with white	oz., 50c.	.25	.10

EVERLASTING FLOWERS

These should be grown in every garden, not only for summer blooming, but also as cut flowers for winter decoration.

ACROCLINIUM

Showy, free-flowering annual plants; excellent for cutting. 1 foot.

	Large pkt.	Pkt.
Double Rose Pink	$0.25	$0.10
Double White	.25	.10
Double Mixed	.25	.10

GOMPHRENA (Globe Amaranth)

Also called "Bachelor's Buttons;" a showy annual everlasting.

	Oz.	Large pkt.	Pkt.
Globosa. White	$0.50	$0.25	$0.10
Nana Compacta. Dwarf red; 1 foot	.50	.25	.10
Mixed. All colors; 2 feet	.50	.25	.10



Helichrysum Monstrosum

HELICHRYSUM MONSTROSUM (Strawflower)

One of the best and most popular of the everlasting flowers; large double flowers; 2 feet.

	Oz.	Large pkt.	Pkt.
Rose Queen. Immense flowers of a rich deep rose, see illustration, page 9	$2.25	$0.60	$0.25
Buttercup. Canary yellow	.90	.30	.10
Fireball. Crimson	.90	.30	.10
Golden Ball. Golden yellow	.90	.30	.10
Rose Carmine	.90	.30	.10
Salmon Pink	.90	.30	.10
Silver Ball. White	.90	.30	.10
Violet	.90	.30	.10
Choice Mixed	.75	.25	.10
Collection, one packet each six colors, (excepting Rose Queen)			50c

RHODANTHE (Swan River Everlasting)

	Large pkt.	Pkt.
Mixed Colors. A beautiful annual, for the garden or for pot culture; 1 foot	$0.25	$0.10

XERANTHEMUM (Immortelle)

	Large pkt	Pkt.
Double Mixed. Showy annual, producing a profusion of flowers	$0.25	$0.10

FERN SPORES

The following are not hardy and only suitable for house or greenhouse culture.

	Large pkt.	Pkt.
Adiantum (*Maiden Hair*). Mixed	$1.00	$0.15
Pteris Varieties. Mixed	1.00	.15
All Sorts Mixed. Choice collection	1.00	.15

We can also furnish all other good varieties of fern spores.

FEVERFEW (Matricaria)

	Large pkt.	Pkt.
Double White. Hardy annual; for bedding or pot culture; showy double white flowers; 18 inches. oz., 60c	$0.25	$0.10
Golden Ball. Dense habit; bright yellow flowers	.75	.10

FORGET-ME-NOT. See Myosotis

FOUR O'CLOCK. See Marvel of Peru

FOXGLOVE. See Digitalis



Gaillardia, Grandiflora Superba

GAILLARDIA (Blanket Flower)

ANNUAL VARIETIES

Splendid showy annuals for beds or borders, excellent for cutting; blooms continuously from early summer until November; 15 to 18 inches.

	Large pkt.	Pkt.
Picta Lorenziana. Double mixed oz., 60c.	$0.25	$0.10
Picta Mixed. Single sorts oz., 60c.	.25	.10

PERENNIAL VARIETIES

One of the most showy of hardy perennials, blooming the first year from seed if sown early; 2 feet.

	Large pkt.	Pkt.
Grandiflora Portola Hybrids (*New*). Flowers of immense size; colors range through shades of bronzy red with golden tipped petals. See illustration, page 8A	$0.75	$0.25
Grandiflora Compacta. A compact variety; choice mixed colors; 12 to 15 inches oz., 90c.	.30	.10
Grandiflora Sanguinea. Blood red flowers	.30	.10
Grandiflora Semi-Double. Mixed	.30	.10
Grandiflora Superba. Mixed colors oz., 60c.	.25	.10

GENTIANA

	Large pkt.	Pkt.
Acaulis (*Blue Gentian*). A dwarf hardy perennial; deep blue flowers; suited to moist, shady situations.	$0.40	$0.10

GERANIUM

	100 seeds	Pkt.
Apple Scented. Highly esteemed on account of its fern-like fragrant foliage; 1 foot	$0.50	$0.10
Pelargonium (*Lady Washington*). Seed saved from the largest flowered show varieties	2.50	.25
	Large pkt.	**Pkt.**
Zonale Mixed. A superb strain of the largest and finest varieties; 1 to 2 feet	$0.50	$0.10

GERBERA (Transvaal Daisy)

Splendid greenhouse perennials with large fine-leaved daisy-like flowers; splendid for pot plants or cutting.

	100 seeds	Pkt.
Jamesoni Hybrida. These hybrids include a wonderful range of brilliant colors and shades	$0.75	$0.25

GEUM

Beautiful hardy perennials bearing large, showy flowers all through the summer; fine for bouquets; 1½ feet.

	Large pkt.	Pkt.
Atrosanguineum Fl. Pl. Dark crimson	$0.40	$0.10
Lady Stratheden (*New*). Golden yellow	.75	.25
Mrs. Bradshaw. Brilliant scarlet	.60	.15

GLOXINIA

Hybrida Grandiflora. An extra fine strain, embracing all the choicest self-colored and tigered and spotted flowers	.85	.25

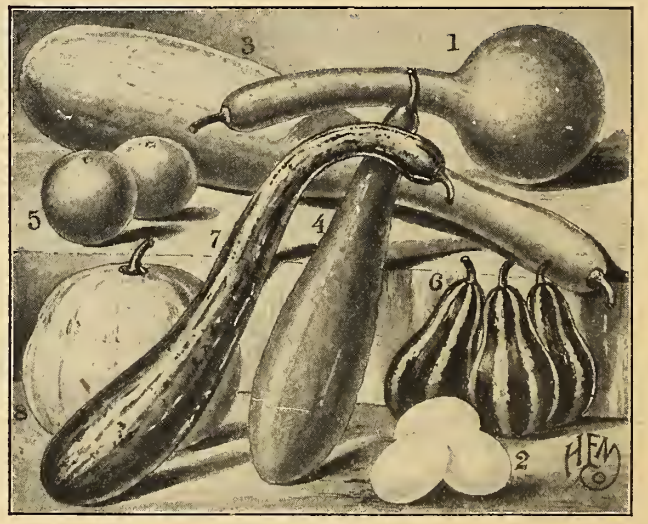
GODETIA (Satin Flower)

Beautiful and easily grown annuals producing a profusion of flowers of satiny texture.

	Large pkt.	Pkt.
Choice Mixed. All colors	$0.25	$0.10

GOMPHRENA (Globe Amaranth)

See Everlastings, page 25.



Ornamental Gourds

GOURD (Ornamental)

Rapid growing, interesting annual climbers with ornamental foliage and singular shaped fruit; 15 to 20 feet.

	Oz.	Large pkt.	Pkt.
Calabash or Dipper. No. 1	$0.40	$0.25	$0.10
Egg Shaped. White like an Egg. No. 2	.40	.25	.10
Hercules Club. Club-shaped. No. 3	.40	.25	.10
Luffa (*Dish Rag or Bonnet Gourd*). No. 4	.40	.25	.10
Orange Shaped (*Mock Orange*). No. 5	.40	.25	.10
Sugar Trough. Used as water holder. No. 8.	.40	.25	.10
Mixed. In a great variety	.40	.25	.10

GYNERIUM (Ornamental Grass) See page 27.

GRASSES (Ornamental)

These are very interesting and useful, either for growing in clumps, mixed borders or in shrubberies. Also when dried they are fine for winter bouquets and decorations, for which purpose they should be gathered before fully matured.

ARUNDO (Great Reed)

	Large pkt.	Pkt.
Donax. Perennial with drooping green and white striped leaves; excellent for lawn clumps; 9 feet	$0.25	$0.10

AVENA (Animated Oats)

Sterilis. Long, sensitive awns which expand and contract, causing the seed to rattle in the pod; annual; 18 inches	.25	.10

BRIZA (Quaking Grass)

Maxima. Elegant panicles; excellent for bouquets and dried flowers; annual; 1 foot	.25	.10

BROMUS

Brizaeformis. Large drooping panicles, useful for bouquets; 2 feet; annual	.25	.10

COIX LACHRYMAE (Job's Tears)

A strong, broad leaved ornamental grass, with large shining, pearly seeds; annual; 2 to 3 feet	oz., 20c.	.10

EULALIA

Japonica. A hardy perennial variety, with long graceful leaves, green and white striped; 4 to 5 feet.	.25	.10

GYNERIUM (Pampas Grass)

Argenteum. White silvery plumes; perennial; 8 to 10 feet	.25	.10

HORDEUM JUBATUM (Squirrel Tail Grass)

Excellent for bouquets; annual; 3 feet	.25	.10

PENNISETUM

Longistylum. Graceful greenish-white plumes; fine for bordering beds; 2 feet; annual	.25	.10
Ruppelianum (*Purple Fountain Grass*). Excellent as an edging to beds of tall plants; purple plumes; 3 feet; annual	.25	.10

STIPA PENNATA (Feather Grass)

Hardy perennial with silvery-white, feathery plumes; flowers the second season; 2 feet	.40	.10

GREVILLEA (Silk Oak)

	Large pkt.	Pkt.,
Robusta. A beautiful and graceful decorative plant with fern-like foliage; excellent for table decoration. oz., $1.00	$0.30	$0.10

HELENIUM (Sneeze Wort)

Autumnale Superbum. Hardy perennial; large heads of golden yellow flowers; blooms in late summer and autumn; 5 to 6 feet	.40	.10

HELIANTHEMUM (Rock, or Sun Rose)

Mutabile. A very pretty perennial for the rockery; completely covered with masses of bloom from July to September; choice mixed varieties	.40	.15

HELIANTHUS. See Sunflower

HELICHRYSUM. (Strawflower)

See Everlastings, page 25.

HELIOPSIS (Orange Sunflower)

Pitcheriana. A handsome hardy perennial, producing an abundance of deep yellow flowers the entire summer; excellent for cutting; 3 to 4 feet	.25	.10



Gypsophila Elegans, Alba Grandiflora

GYPSOPHILA (Baby's Breath)

Pretty, free-flowering plants of easy culture; excellent for cutting to mix with other flowers; 2 feet.

	Oz.	Large pkt.	Pkt.
Elegans Alba Grandiflora. (*True Paris Market Strain*). A splendid annual variety; delicate sprays of pure white flowers	$0.25		$0.10
Elegans Carminea. Bright carmine rose	.30		.10
Elegans Rosea. Pink	.30		.10
Paniculata. Hardy perennial variety; flowers in graceful sprays of white	.60	$0.25	.10
Paniculata fl. pl. Perennial, with a profusion of double white flowers		.75	.20
Repens. A fine rockery plant, covered with tiny white flowers		.40	.15

HELIOTROPE

A well-known and highly prized plant on account of the delightful fragrance of the flowers; seed started indoors in the spring will make fine plants for summer blooming; can also be sown outdoors in May; excellent for pots, or for bedding; 18 inches.

	Large pkt.	Pkt.
Lemoine's Giant. Produces very large heads of flowers; mixed colors	$0.50	$0.15
Regal. Of dwarf compact growth; immense flowers, all shades	.60	.15
Choice Mixed. In great variety	.40	.10

HESPERIS. See Sweet Rocket

HIBISCUS (Marshmallow)

Showy ornamental perennial plants for mixed beds or shrubbery borders, with large and beautifully colored flowers

	Large pkt.	Pkt.
Crimson Eye. Flowers large; color, pure white with velvety crimson center; 4 feet	$0.25	$0.10
Moscheutos. Large, rosy pink flowers	.30	.10
New Giant (*Mallow Marvel*). A greatly improved form; gigantic single flowers; mixed colors	.30	.15

HOLLYHOCK. See next page

HONESTY (Moonwort)

Biennis Alba. Hardy biennial admired for its silvery seed pods which are used for ornamental purposes; beautiful and curious; 2 feet	.30	.10

HOLLYHOCK

A popular and desirable hardy perennial plant succeeding best in rich well-drained soil; excellent for planting among shrubbery or forming a background for other flowers; seed sown any time before midsummer will produce fine plants for blooming the following summer; 6 to 7 feet.



Hollyhock, Chater's Double

Allegheny. Semi-double; mammoth flowers; edges fringed and lacinated; mixed. Pkt., 10c.; 40c. per large pkt.; oz., $1.50.

Chater's Double Maroon. Pkt., 10c.; 50c. per large pkt.; oz., $2.00.

Chater's Double Pink. Pkt., 10c.; 50c. per large pkt.; oz., $2.00.

Chater's Double Red. Pkt., 10c.; 50c. per large pkt.; oz., $2.00.

Chater's Double Salmon. Pkt., 10c.; 50c. per large pkt.; oz., $2.00.

Chater's Double White. Pkt., 10c.; 50c. per large pkt.; oz., $2.00.

Chater's Double Yellow. Pkt., 10c.; 50c. per large pkt.; oz., $2.00.

Chater's Double Mixed. Pkt., 10c.; 40c. per large pkt.; oz., $1.50.

Double Newport Pink. Pure pink. Pkt., 10c.; 50c. per large pkt.; oz., $2.25.

Collection, one packet each 6 colors, 50c.

Single Mixed. Pkt., 10c.; 30c. per large pkt.; oz., 90c.

ANNUAL EVER-BLOOMING HOLLYHOCK

While these are also hardy perennial varieties if seed is sown in the house in March or April they will bloom the first season.

Double Ever-blooming Mixed. Pkt., 15c.; 40c. per large pkt.; oz., $1.50.

Single Ever-blooming Mixed. Pkt., 10c.; 30c. per large pkt.; oz., 90c.

HUMULUS (Japanese Hop)

A rapid growing annual climber with luxuriant foliage; excellent for covering verandas, trellises, etc.

	Oz.	Large pkt.	Pkt
Japonicus. The foliage resembles that of the common Hop; is very dense and of a lively green color	$0.50	$0.25	$0.10
Japonicus Variegatus. Leaves beautifully mottled and splashed silvery white, light and dark green	.75	.25	.10

HUNNEMANNIA (Giant Yellow Tulip Poppy)

	Large pkt.	Pkt.
Fumariaefolia. Seed sown outdoors in May, it produces large quantities of giant yellow tulip-like flowers during end of July, continuing for the balance of the season; height, 2 feet....oz., 75c.	$0.25	$0.10

HYACINTH BEAN. See Dolichos

IBERIS. See Candytuft

ICE PLANT. See Mesembryanthemum

IMPATIENS (Sultan's Balsam)

A charming plant for house and conservatory decorations, flowering profusely and almost continuously.

	Large pkt.	Pkt.
Holstii. Flowers large; vermilion red	$0.75	$0.20
Holstii, "New Hybrids." Choice mixed colors	.75	.15
Sultani. Bright rose	.75	.15
Sultani Hybrids. Colors range from pale pink to dark crimson	.75	.15



Ipomoea (Moon Flower)

IPOMOEA

	Large pkt.	Pkt.
Heavenly Blue (*Rubra Coerulea*). Beautiful large sky-blue flowers....oz., $1.00	$0.30	$0.10
Noctiflora (*Moon Flower*). At night and during dull days the plants are covered with an abundance of large pure white fragrant flowers....oz., 50c.	.25	.10
Setosa (*Brazilian Morning Glory*). Large leaves and bright rose-colored flowers....oz., 40c.	.25	.10
Mixed. Various colors....oz., 50c.	.25	.10

IRIS (Flowering Flag)

Kaempferi (*Japanese Iris*). Perennial; blooms the second year from seed; mixed colors; 3 feet	.25	.10

JOB'S TEARS. See Grasses, Page 27

KENILWORTH IVY (Linaria Cymbalaria)

A perennial trailing plant with violet flowers; useful for baskets, vases, pots and rock work	.60	.10

KOCHIA (Summer Cypress or Mexican Fire Bush)

	Large pkt.	Pkt.
Childsii. An easily grown annual, which forms a cypress-like hedge, with feathery green foliage; at the approach of autumn the foliage turns to a deep red color; 2 to 3 feet....oz., 40c.	$0.25	$0.10

KUDZU VINE See Pueraria

LADY SLIPPER. See Balsam

LANTANA

A desirable greenhouse or bedding plant, constantly in bloom; flowers resemble Verbenas.

	Large pkt.	Pkt.
Dwarf Mixed. 10 inches high	$0.25	$0.10
Choice Mixed. 2 to 3 feet high....oz., 75c.	.25	.10

LATHYRUS LATIFOLIUS

(Everlasting or Perennial Pea)

Showy hardy perennial climber, for covering walls, stumps, fences, etc. Free flowering, excellent for cutting; 6 to 8 feet.

	Oz.	Large pkt.	Pkt
Crimson. Brilliant	$1.25	$0.30	$0.10
Pink Beauty. Bright rosy-pink	1.50	.40	.10
White	1.25	.30	.10
Choice Mixed. All colors	.75	.25	.10



Larkspur, Double Tall Stock Flowered

LARKSPUR (Annual)

Of easy culture; seed sown early in spring will produce blooming plants by July; fern-like foliage and slender spikes with double rosette flowers; fine for cutting or garden decoration.

DWARF DOUBLE ROCKET

	Oz.	Large pkt.	Pkt.
Mixed. A compact bushy plant; height, 1 foot	$0.40	$0.25	$0.10

GIANT HYACINTH FLOWERED

The flowers are large, very double and borne on spikes resembling a double Hyacinth; 1½ feet.

	Oz.	Large pkt.	Pkt.
Mixed Colors	$0.75	$0.25	$0.10

TALL DOUBLE STOCK FLOWERED

Plants branch freely, bearing long spikes of beautiful double flowers; height, 2½ feet.

	Oz.	Large pkt.	Pkt.
Dark Blue	$0.75	$0.25	$0.10
Lilac	.75	.25	.10
Lustrous Carmine	.75	.25	.10
Shell Pink	.75	.25	.10
Sky Blue	.75	.25	.10
White	.75	.25	.10
Mixed. All colors	.50	.25	.10
Collection, one packet each of the above 6 colors, 50c.			
Emperor, Pink Delight (*New*). For bedding or pots; compact growth; color, soft rose pink; 2 feet.	.50		.25
Exquisite. An extra fine variety of this popular annual; color, soft pink	.40		.25

For Perennial Larkspur, see Delphinium, page 23.

LAVENDER (Lavendula Vera)

Well-known, hardy perennial, bearing long spikes of fragrant blue flowers; excellent for the mixed border; 18 inches	oz., 75c.	.25	.10

LIATRIS (Blazing Star)

Spicata. A showy hardy perennial border plant, with large spikes of violet purple flowers; 2 feet	.75		.15

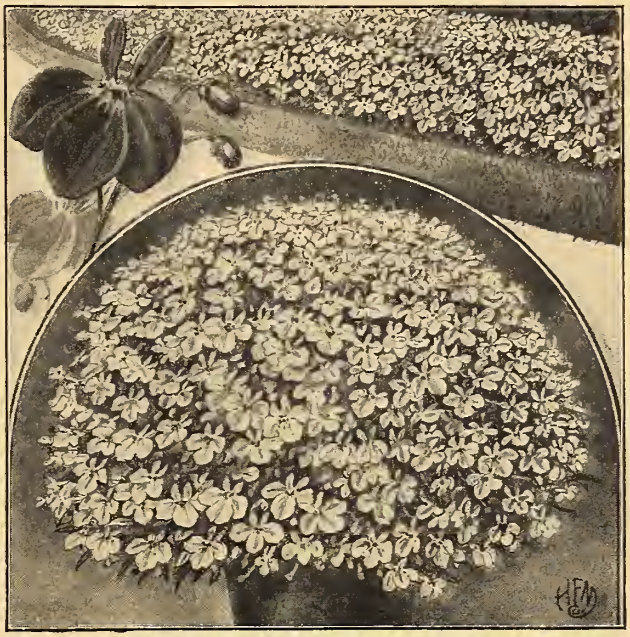
LINARIA CYMBALARIA. See Kenilworth Ivy

LILY REGALE (Lilium Myriophyllum)

Perfectly hardy and also excellent for forcing; color, pure waxy white with lemon yellow throat; very fragrant. Per 100 seeds, 60c.; $3.50 per 1000 seeds.

LINUM (Flax)

	Large pkt.	Pkt.
Perenne. Bright blue flowers; perennial; 1½ feet	oz., 75c.	$0.25	$0.10



Lobelia, Crystal Palace Compacta

LOBELIA

No garden is complete without an edging of blue Lobelia and for a long season of bloom there is nothing that can take its place; also desirable for pots, hanging baskets, etc.

	Large pkt.	Pkt.
Barnard's Perpetual. Deep blue with white eye; trailing; an excellent sort	$0.50	$0.10
Blue Bird (*New*). Dwarf and compact; bright blue flowers	.75	20
Crystal Palace Compacta. Very compact; deep blue; the best for edging	.60	.10
Crystal Palace Speciosa. Of trailing habit; deep ultramarine blue; fine for vases	.30	.10
Emperor William. Flowers sky blue; plants compact	.50	.10
Sapphire. A beautiful trailing variety, of strong growth; the flowers are unusually large; color, deep blue with large clearly defined white eye	.75	.20
Mixed. All colors	.40	.10
Cardinalis (*Cardinal Flower*). Hardy perennial, with long spikes of cardinal red flowers	.75	.10

LUPINUS. See next page

LYCHNIS

Elegant hardy perennials of easy culture, for massing in large beds or borders.

	Large pkt.	Pkt.
Arkwrightii. Splendid hybrids; free flowering	$0.75	$0.25
Chalcedonica (*Rose Campion*). Fine scarlet cross-like flowers; 2 feet; July	oz., 50c.	.25	.10
Haageana. Brilliant, large, orange, scarlet, pink and crimson flowers in mixture; 1 foot; July	.75	.10

LYTHRUM (Loose-Strife)

Roseum Superbum. A fine hardy perennial, producing spikes of rosy-pink flowers, from July to September; 3 feet	.30	.10



Lupinus

LUPINUS (Lupin)

ANNUAL VARIETIES

Free flowering, easily grown plants, with long spikes of pea-shaped flowers; excellent for cutting; will bloom in six weeks after sowing; 2 feet.

	Oz.	Large pkt.	Pkt.
Rich Blue	$0.40	$0.25	$0.10
Pink	.40	.25	.10
Scarlet, White Tipped	.40	.25	.10
Sky Blue	.40	.25	.10
White	.40	.25	.10
Yellow	.50	.25	.10
Mixed. All colors	.40	.25	.10

PERENNIAL VARIETIES

A beautiful perennial of easy culture, with graceful spikes of pea-shaped flowers; May and June; 2 to 3 feet.

		Large pkt.	Pkt.
Polyphyllus Blue		$0.25	$0.10
Polyphyllus Moerheimi. Long spikes, pink and white		.60	25
Polyphyllus Roseus. Pink		.30	.10
Polyphyllus White		.25	.10
Polyphyllus Mixed	oz., 40c.	.25	.10
Polyphyllus, New Hybrids Mixed		.50	.10

LYCHNIS. See page 29
MARVEL OF PERU. See next page
MATRICARIA. See Feverfew

MATTHIOLA

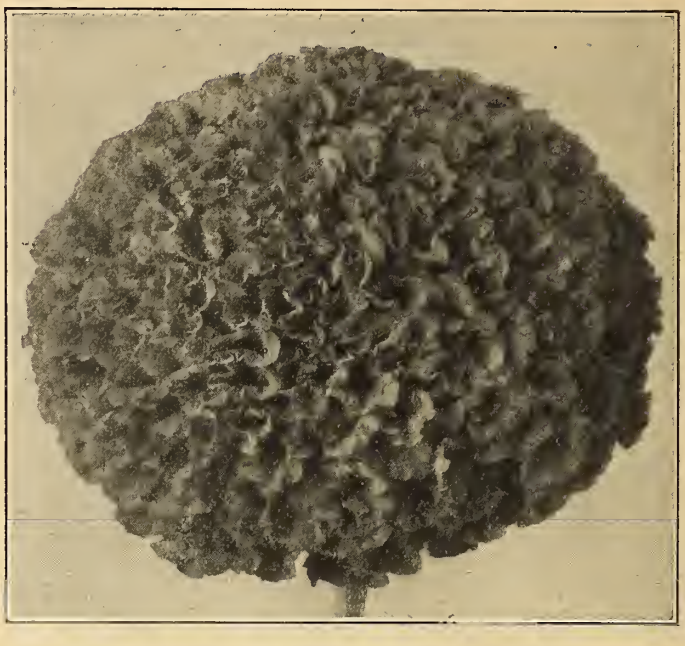
	Large pkt.	Pkt.
Bicornis (*Evening Scented Stock*). A desirable annual on account of its delightful fragrance during the evening; color, purplish lilac	$0.25	$0.10

Testimonial

Sioux Falls, S. Dak.

I had most delightful results with your flower seeds last year, even though it was a very hot, dry summer. I am looking forward to wonderful results with them this year.

Mrs. R. A. P.



Marigold, Orange Prince

MARIGOLD (Tagetes)

These are old favorite free flowering annuals with rich and showy flowers blooming all summer. The Tall African varieties are well adapted for large beds or mixed borders while the Dwarf French varieties are better suited for bedding purposes.

AFRICAN VARIETIES

Tall growing, from 2½ to 3 feet high.		Large pkt.	Pkt.
El Dorado. All shades of yellow	oz., 75c.	$0.25	$0.10
Lemon Queen. Soft lemon yellow	oz., $1.00	.30	.10
Orange Prince. Large flowers of a deep golden orange color; very showy	oz., $1.00	.30	.10
Large African. Tall double mixed	oz., 50c.	.25	.10

FRENCH VARIETIES

Dwarf Gold Striped. Double brownish red striped golden yellow; 1 foot	oz., 75c.	.25	.10
Golden Ball. Very compact; flowers large, golden yellow	oz., 75c.	.25	.10
Legion of Honor (*Little Brownie*). Single flowers; golden yellow with a large spot of crimson velvet; 9 inches; early flowering	oz., 50c.	.25	.10
Lemon Ball. Pale sulphur yellow; plants very compact	oz., 75c.	.25	.10
Mahogany. Rich velvety mahogany brown;	oz., 75c.	.25	.10
Dwarf French Mixed. All colors; 1 foot	oz., 50c.	.25	.10

MAURANDIA

A climber of rapid growth for garden or greenhouse; excellent for baskets, vases or trellises; tube-shaped flowers; 10 feet.

	Large pkt.	Pkt.
Barclayana. Purple	$0.75	$0.10
Choice Mixed	.50	.10

MESEMBRYANTHEMUM

Dwarf trailing annuals for rockeries, edgings and vases.

Crystallinum (*Ice Plant*). Singular icy foliage; flowers white	.25	.10

Testimonial

Woodbury Heights, N. J.

Please send me the following booklets. Everything we have bought at your place has made a fine showing.

J. M. L.



Marvel of Peru (Four O'Clock)

MARVEL OF PERU (Four O'Clock)

	Oz.	Pkt.
Choice Mixed. Free flowering, garden favorites; very showy; flowers in many bright colors; 2 feet.	$0.25	$0.10



Mignonette, Michell's Colossal

MIGNONETTE

No garden is complete without this fragrant flower; can also be grown in pots for winter and early spring flowering.

	Lg. pkt.	Pkt.
Allen's Defiance. Spikes invariably attain a height of 12 to 15 inches; fragrant. oz., 60c.	$0.25	$0.10
Goliath. Giant spikes of red flowers. oz., $1.50	.40	.10
Machet. Large, sweet scented flowers. oz., 75c.	.25	.10
Michell'sColossal. Foliage, stalks and flowers are very robust. The flower-spikes often average 18 inches; very fragrant	.75	.15
New York Market. A specially selected strain	.60	.15
White Goliath. An extra fine white sort	.40	.10
Sweet Scented. The popular garden sort. oz., 25c.		.10

MIMOSA. See Sensitive Plant

MIMULUS

Showy, profuse flowering plants; fine for greenhouse or moist, shady situations.

	Large pkt.	Pkt.
Tigrinus (*Monkey Flower*). Fine mixed tigered and spotted varieties; 1 foot	$0.50	$0.10

MOMORDICA. See Balsam Apple
MONKSHOOD. See Aconitum
MOONFLOWER. See Ipomoea
MORNING GLORY. See Convolvulus
MOURNING BRIDE. See Scabiosa

MUSA ENSETE (Abyssinian Banana)

A handsome tropical plant for planting individually or for the center of beds; foliage broad and massive and very effective; 10 to 15 feet. Seeds should be started in hotbed or bottom heat in greenhouse. Per 10 seeds, 35c.; 75c. per 25 seeds.



Myosotis—Alpestris Victoria

MYOSOTIS (Forget-Me-Not)

Beautiful, half hardy perennials blooming the first year from seed, succeeding best in moist shady situations. Sown in the spring they will flower in the fall; if wanted for early spring flowering seed should be sown in frames in July or August.

	Large pkt.	Pkt.
Alpestris Victoria. Of bushy habit; bearing large bright blue flowers; very fine; 6 inches	$0.40	$0.10
Eliza Fanrobert. Of strong growth with clusters of large, bright blue flowers; 10 inches	.40	.10
Grandiflora Alba. Large white flowers; 8 inches	.40	.10
Grandiflora Rosea. Large pink flowers; 8 inches	.40	.10
Michell's Winter Flowering. The finest variety for forcing; long stems, deep blue flowers	.75	.15
Palustris Semperflorens. Dwarf; blooms the entire season; deep blue	.60	.10
Choice Mixed oz., 75c.	.25	.05

Testimonial

Brooklyn, N. Y.

My order was received in such fine condition that I will always remember Michell's Seed House for my future orders.

O. E.

MICHELL'S GIANT FLOWERING NASTURTIUMS

Nasturtiums are among the best known and most popular of hardy annuals. Easily grown, and producing a great profusion of brightly colored flowers from within a few weeks after they are sown until they are killed by frost; they succeed best in rather light, well-drained soil.



Michell's Giant Flowering Dwarf Nasturtiums

DWARF OR BEDDING

(Tom Thumb)

Of dwarf, compact growth; excellent for borders or for bedding, forming plants about 1 foot high by 1 foot across.

	¼ lb.	Oz.	Pkt.
Aurora. Rich yellow, veined carmine	$0.60	$0.20	$0.05
Beauty. Yellow, with scarlet veinings	.60	.20	.05
Bronze. Burnished bronze color	.60	.20	.05
Chameleon. Various colors and markings	.60	.20	.05
Cloth of Gold. Bright golden yellow leaves and brilliant scarlet flowers	.60	.20	.05
David Burpee Spencer. Deep scarlet	$0.60	$0.20	$0.05
Empress of India. Dark leaves and crimson flowers	.60	.20	.05
Golden King. Dark foliage; rich, golden yellow flowers	.60	.20	.05
Golden Queen. Foliage and flowers golden yellow	.60	.20	.05
King of Tom Thumbs. Dark green foliage; scarlet flowers	.60	.20	.05
King Theodore. Dark foliage; flowers crimson maroon	.60	.20	.05
Lady Bird. Rich orange yellow, with a red blotch at the base of the petals	.60	.20	.05
Pink. Soft rose color	.60	.20	.05
Prince Henry. Cream, spotted and tipped red	.60	.20	.05
Queen of Tom Thumbs, Crimson. Silver variegated foliage and rich, bright crimson flowers	.60	.20	.10
Scarlet. Brilliant	.60	.20	.05
Vesuvius. Salmon pink; dark leaved	.60	.20	.05
Yellow. Bright shade	.60	.20	.05
Michell's Giant Flowering Mixed Dwarf. This is one of the finest mixtures, composed of the largest and best named varieties and cannot be surpassed for brilliancy of color. Per lb., $2.00	.60	.25	.10
Queen of Tom Thumbs, Mixed. Silver variegated foliage; flowers in a great variety of colors	.75	.20	.10

Collection. One packet each 12 dwarf varieties, 50c.

TALL OR CLIMBING

For covering trellises, fences, arbors, piazzas, trailing from vases, over rockwork, etc., nothing can equal the gorgeous effect produced by their great quantities of bloom from early summer until frost; the seed pods can be gathered while green and tender for pickling. Height, 8 to 10 feet.

	¼ lb.	Oz.	Pkt.
Chameleon. Various colors and markings	$0.50	$0.15	$0.05
Crimson. Rich and velvety	.50	.15	.05
Hemisphaericum. Orange-salmon and scarlet	.50	.15	.05
King Theodore. Dark foliage; flowers crimson maroon	.50	.15	.05
Orange. A deep shade	.50	.15	.05
Pearl. Creamy white	.50	.15	.05
Pink. Soft rose color	.50	.15	.05
Prince Henry. Cream, spotted and tipped red	.50	.15	.05
Scarlet. Very bright	.50	.15	.05
Vesuvius. Salmon pink	.50	.15	.05
Yellow	.50	.15	.05
Michell's Giant Flowering Mixed Tall. This mixture cannot be excelled for large size and beautiful colors of the flowers. Composed of the largest and finest varieties. Per lb., $2.00	.60	.25	.10

Collection. One packet each, 12 tall varieties, 50c.

LOBB'S CLIMBING NASTURTIUMS

(Tropaeolum Lobbianum)

Excellent for window boxes, vases, hanging baskets and rockeries; 8 to 10 feet.

	¼ lb.	Oz.	Pkt.
Choice Mixed. Lobb's varieties, all colors. Per lb., $1.25	$0.50	$0.15	$0.05

NEMESIA

	Large pkt.	Pkt.
Strumosa Suttoni. A splendid annual, with large flowers varying in color from creamy white to deep orange and carmine; fine for bedding; 18 inches	$0.60	$0.15

NICOTIANA (Flowering Tobacco)

Extremely showy annual plants, giving a continuous display of brilliant flowers; 2 to 3 feet.

	Large pkt.	Pkt.
Affinis. Fragrant, tubular, pure white flowers	$0.25	$0.10
Affinis Hybrida. Large, sweet-scented flowers in a variety of colors	.25	.10
Sanderae. Flowers of the most handsome carmine-red color; very fragrant	.25	.10

NIGELLA (Love in a Mist)

Lovely garden annuals, with finely cut green foliage, and curious looking flowers and seed pods.

	Large pkt.	Pkt.
Damascena. Blue and white mixed; double; 1 foot	$0.25	$0.10
Miss Jekyll. Beautiful double flowers of a clear cornflower blue; excellent for cutting; 18 inches	.25	.10

OENOTHERA (Evening Primrose)

Beautiful hardy perennials of easy culture; the plants continue in bloom throughout the summer.

	Large pkt.	Pkt.
Missouriensis. A prostrate growing variety, with large, bright-yellow flowers	$0.75	$0.15
Youngi. A showy variety, with large yellow flowers; 3 feet	.60	.15

ORNAMENTAL GRASSES. See page 27

MICHELL'S GIANT PANSIES

Strictly considered this is a biennial, but the fact that it flowers the first season from seed recommends it for an annual. There are actually three seasons in which pansies can be planted. If started in the house from February until April pansies will begin to bloom from July on; sown outdoors in May beautiful flowers are produced in the fall; sown in frames during July and August and transplanted later gives us the main crop of flowers the following spring.

GIANT PANSIES (Separate Colors)

A strain secured from the leading pansy specialists, and not to be compared with the ordinary Giant Trimardeau, as the flowers are of much heavier texture.

	¼ oz.	Large pkt.	Pkt.
Giant Prize, Azure Blue. Violet blue	$1.00	$0.50	$0.15
Giant Prize, Black Blue. Dark velvety	1.00	.50	.15
Giant Prize, Emperor William. Ultra-marine blue	1.00	.50	.15
Giant Prize, Hortensia Red. Scarlet	1.00	.50	.15
Giant Prize, King of the Blacks	1.00	.50	.15
Giant Prize, Lord Beaconsfield. Violet	1.00	.50	.15
Giant Prize, Peacock. Upper petals blue, lower petals deep claret with white margin.	1.00	.50	.15
Giant Prize, Snow Queen. Pure white	1.00	.50	.15
Giant Prize, White, with dark eye	1.00	.50	.15
Giant Prize, Pure Yellow	1.00	.50	.15
Giant Prize, Yellow, with dark eye	1.00	.50	.15
Giant Prize, Orange King (*New*). Flowers large; lower portion of petals a vivid orange color, upper petals are of a distinct creamy tint		.75	.25

SPECIAL OFFER.—We will send 6 packets of any of the above varieties of Giant Pansies (not including Orange King) for 75c.; or the whole 12 pkts. for $1.40.

PANSIES IN MIXTURE

	Large pkt.	Pkt.
Michell's Giant Exhibition. A blending of our own containing only the very choicest secured from the leading Pansy specialists; it can be relied upon to produce flowers of immense size, very heavy texture and of the most brilliant colors. Per oz., $10.00; $3.00 per ¼ oz.; per ⅛ oz., $1.75	$0.75	$0.25
Giant Trimardeau. Very large flowering; all colors, mixed ¼ oz., $1.00	.40	.10
Mad. Perret. Early flowering; fragrant; especially rich in red shades ¼ oz., $1.25	.75	.25
Masterpiece (*Frilled Pansy*). Beautiful rich colors; petals curled or waved ⅛ oz., $1.00	.75	.25
Triumph of the Giants Mixed. Immense flowers of great brilliancy and richness of colors, including many new and rare shades. Per oz., $11.00; $3.25 per ¼ oz.; per ⅛ oz., $2.00	.85	.50
Finest English Mixed oz., $2.25	.40	.10



Michell's Giant Exhibition Pansy

PAPAVER. See Poppy

PARIS DAISY. See Chrysanthemum

PELARGONIUM. See Geranium

PENNISETUM (Ornamental Grass) See page 27

Testimonial

Glen Cove, L. I.

I consider Michell's Giant Exhibition Pansy the best strain I have ever grown either in England or America.

R. C.

MICHELL'S PETUNIAS



Petunia, California Giants

For freedom of bloom, variety of color and effectiveness the Petunia has few equals, either for the flower garden, porches or window boxes; they commence blooming early and continue until killed by frost. We call especial attention to our Large Flowering strains, which for size and brilliancy of coloring cannot be surpassed.

SINGLE FLOWERED PETUNIAS

	Large pkt.	Pkt.
California Giants. One of the largest varieties; bright and desirable colors; strong robust plants...	$0.50	$0.25
Diener's Ruffled Monsters. A new variety and a greatly improved type, with extra large flowers in a wide range of colors; flowers are beautifully ruffled and fringed	.85	.25
Dwarf Inimitable. Of dwarf, compact habit; profuse bloomer; flowers striped and blotched	.50	.10
General Dodds. A splendid bedding variety; color, a rich velvety blood-red	.50	.10
Monstrosus (*Michell's*). Extra large flowers, many of which are elegantly fringed; the colorings, markings, veinings, etc., are superb	.85	.25
Purple Prince. A splendid velvety purple, large flowering variety	1.25	.25
Rosy Morn. Dwarf, bushy plants, bearing in great profusion brilliant rose-colored flowers with a white throat; excellent for pot culture	.50	.15
Rose of Heaven. Rich, brilliant rose color; a very effective variety	.60	.15
Ruffled Giants. Immense flowers, exquisitely ruffled and frilled at edges	.50	.25
Snowball. A fine, compact sort, producing a profusion of satiny white flowers	.60	.10
Star (*Howard's*). A beautiful variety; produces a profusion of crimson-maroon flowers, with a distinct five-pointed white star	.60	.15
Violet Gem (*New*). Plants of erect, dwarf type; beautiful deep violet flowers	.60	.15
Choice Mixed. Striped and blotched....oz., $1.50	.40	.10

Ask for Cultural Leaflet No. 205 on the growing of Petunias.

BALCONY PETUNIAS

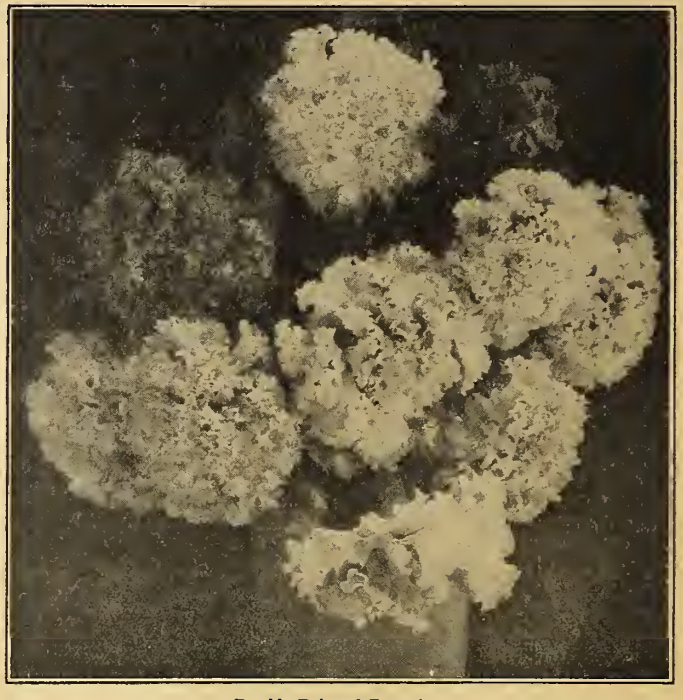
A splendid free flowering type for window or porch boxes, vases, etc.; also valuable for bedding, giving a display of flowers throughout the entire summer, until frost; the flowers are large, averaging 3 inches across.

	Large pkt.	Pkt.
Blue. Rich indigo blue	$0.75	$0.15
Crimson. Rich velvety crimson	.60	.15
Rose. Brilliant rose pink	.60	.15
White. Pure white	.60	.15
Mixed Colors	.60	.15

PORTLAND PETUNIAS

For planting of veranda boxes and for choice potted plants, or for bedding out these Petunias in select colors, never fail to please.

	Large pkt.	Pkt.
Elk's Pride. Large size; deep royal purple	$1.25	$0.40
Irvington Beauty. Flowers fringed; peach blossom color, with white throat	1.25	.40
Pride of Portland. Large, deep rose pink, fringed flowers	1.25	.40
Scarlet Beauty. Flowers fringed; color, shading from cherry red to deep maroon	1.25	.40
White Beauty. Pure white flowers with finely fringed edges	1.25	.40
Mixed Colors	1.25	.40



Double Fringed Petunias

DOUBLE FLOWERING PETUNIAS

As the seed of the double varieties is obtained by hybridization, it will not produce all double flowers, but the singles will be unusually fine. The weaker seedlings should receive great care, as they produce the finest double flowers.

	Pkt.
Double Fringed White. Extra large, pure white fringed flowers. Per 500 seeds, $2.00	$0.50
Double Fringed Mixed. Selected and hybridized with the greatest care; flowers of large size, beautifully fringed and embracing a splendid variety of colors in many beautiful combinations. Per 500 seeds, $1.50	.50



Pentstemon, New Hybrids

PENTSTEMON (Beard Tongue)

A beautiful perennial plant producing freely large spikes of handsome tubular flowers in almost every shade and color.

	Large pkt.	Pkt.
Sensation. Plants produce large spikes of gloxinia-like flowers of the most brilliant and varied colors; 2 feet; requires protection	$0.50	$0.15
New Hybrids, Mixed. Produces large spikes of handsome flowers; 3 feet	.50	.10

PETUNIA. (See page 34)

PHLOX DRUMMONDII

One of our finest hardy annuals and should occupy a prominent place in every garden; it is easy to grow and unequaled for its profusion of bloom, which will continue until frost; for bedding or massing nothing can surpass them for their brilliancy and richness of color.

DWARF OR COMPACT VARIETIES

The plants grow very symmetrical, in neat little bushes, 6 to 8 inches high and are covered with flowers during the whole summer and fall. Excellent for bedding or edging.

	Large pkt.	Pkt.
Cecily, Mixed. A large flowering, dwarf compact variety, of many colors and shades	$0.60	$0.10
Fireball. Brilliant scarlet	.60	.10
Pink	.60	.10
Snowball. Pure white	.60	.10
Choice Mixed	¼ oz., 75c. .50	.10

GRANDIFLORA VARIETIES

An improved strain with large heads of bloom, as well as large individual flowers; 12 to 15 inches.

	Large pkt.	Pkt.
Alba. Pure white	$0.40	$0.10
Coccinea. Brilliant scarlet	.40	.10
Pink	.40	.10
Stellata Splendens. Scarlet with white eye	.40	.10
Choice Mixed. All colors	oz., $1.25 .30	.10

PHLOX (Hardy)

Decussata, Mixed. Tall growing, perfectly hardy plants, with immense trusses of large flowers in all bright colors	¼ oz., $1.00 .60	.10

PHYSALIS (Chinese Lantern Plant)

	Large pkt.	Pkt.
Francheti. Dense bushes about 2 feet high, producing freely, bright orange-scarlet, lantern-like fruits; perennial	$0.30	$0.10

PHYSOSTEGIA (False Dragon Head)

A very pretty perennial; dense bushes, bearing freely, delicate tubular flowers; 3 to 4 feet; July-August.

	Large pkt.	Pkt.
Virginica. Pink	$0.40	$0.10
Virginica Alba. White	.40	.10

PINKS. (See Carnations and Dianthus)

PLATYCODON (Japanese Balloon Flower)

One of the best hardy perennials, bearing a profusion of large, bell-shaped flowers the whole season. Excellent for planting in borders or among shrubbery; 2 to 3 feet.

	Large pkt.	Pkt.
Grandiflorum Blue	$0.40	$0.10
Grandiflorum White	.40	.10

POLYANTHUS (Primula Elatior)

Beautiful spring-flowering hardy perennials either for pot culture or for the garden; succeeds best in partial shade; 9 inches.

	Large pkt.	Pkt.
Gold Laced. Flowers of brilliant colors with distinct yellow edge	$0.75	$0.15
English Mixed. All colors	.60	.10

Testimonial

Elmira, N. Y.

Kindly mail me one of your catalogs; I believe from your prompt service on recent orders, that I will place more orders with you in the future.

J. A. W.

MICHELL'S PRACTICAL GARDEN POINTERS

A publication we have compiled that contains valuable information on things floricultural, horticultural and agricultural. Ask for copy—FREE.



Phlox Drummondii, Grandiflora

MICHELL'S POPPIES

One of our favorite and most popular flowers, producing during the blooming period, a profusion of brilliant colors and shades. Seeds should be sown as early in the spring as possible, where they are to remain, as they do not stand transplanting. Sow very thinly and barely cover the seed, press down firmly and they will come up in a few days. Several sowings of the annual varieties may be made at intervals to have a succession of bloom.



Single Shirley Poppies

SINGLE ANNUAL POPPIES

	Oz.	Large Pkt.	Pkt.
King Edward. A large flowering variety, growing about 2½ feet high; deep scarlet, shaded crimson, with dark blotch at base	$0.40	$0.25	$0.10
Michell's Shirley. An improved strain of this lovely race of poppies varying in color from pure white and delicate pink to rosy carmine and deep crimson, in mixture	.40	.25	.10
Miss Sherwood. Satiny white with upper half of corolla chamois rose	.40	.25	.10
Tulip (*Papaver Glaucum*). One of the most brilliant varieties; resembles a large tulip; color a dazzling scarlet; 1 foot	.60	.25	.10

FLANDERS POPPY

"In Flanders fields the poppies blow
Between the crosses row on row."

This is the well known poppy of Flanders field so often mentioned in songs and stories of the great war. Medium size bright scarlet flowers. Very showy when planted in masses. Pkt., 10c.; 25c; per large pkt.; oz., 40c.

AMERICAN LEGION POPPY

This new single poppy of the Shirley type is a dazzling orange-scarlet of immense size, borne on long, stout stems. Pkt., 15c.; 25c. per large pkt.; oz., 75c.

DOUBLE ANNUAL POPPIES

	Oz.	Large Pkt.	Pkt.
Carnation Flowered. Flowers of large globular form with fringed petals; mixed colors; 2 feet	$0.25		$0.10
Crimson King. A dwarf variety with perfectly round flowers	.40	$0.25	.10
Fairy Blush. Flowers white, elegantly fringed and tipped with rose; 2 feet	.40	.25	.10
Mikado (*Striped Japanese*). Double fringed flowers, white tipped with rose; 18 inches	.40	.25	.10
Peony Flowered Mixed. Large double flowers resembling a Peony	.25		.10
Improved Shirley, May Queen. A re-selected strain; large double flowers; mixed colors		.30	.10

Collection, one packet each, 6 varieties, single and double, 50c.

ICELAND POPPIES (Papaver Nudicaule)

While these are hardy perennials, they flower the first year from spring sown seed. They are of graceful habit, with fern-like foliage; the satin-like flowers are borne in endless profusion and are excellent for cutting; 1 foot.

	Large pkt.	Pkt.
Orange Scarlet	$0.40	$0.10
White	.40	.10
Yellow	.40	.10
Single Mixed. Colors range from white and yellow to deep orange scarlet ¼ oz., 60c.	.40	.10
Sunbeam. Splendid new shades in mixture	.60	.15



Oriental Poppy

ORIENTAL POPPIES

These are always popular in any perennial bed. The seeds should be sown in early spring in the open ground.

	Large pkt.	Pkt.
Orientale. Extra large flowers; deep scarlet ¼ oz., 40c.	$0.30	$0.10
Orientale, Mrs. Perry. Rich salmon pink	.60	.10
Orientale, Hybrids. Flowers of large size; mixed colors ¼ oz., 60c.	.40	.10



Portulaca, Single and Double

PORTULACA (Sun Plant)

Brilliant hardy annual, of easy culture; excellent for massing in beds, edging or rock work, thriving best in a light, sandy soil and a sunny situation; flowers of the brightest colors.

		Large pkt.	Pkt.
Double Mixed.	All colors.....¼ oz., 75c.	$0.50	$0.10
Single Mixed.	All colors.....oz., 75c.	.25	.10

PRIMULA

FRINGED CHINESE PRIMROSE

These are among our finest winter and spring blooming pot plants for decorations in the home or conservatory. Our seed has been grown for us by Primula Specialists and cannot be excelled for size and brilliancy of colors.

	Large pkt.	Pkt.
Alba Magnifica. Large pure white flowers.....	$0.85	$0.40
Chiswick Red. Brilliant red.....	.85	.40
Duchess. Large white with zone of rosy carmine..	.85	.40
Holborn Blue. A beautiful shade.....	.85	.40
Kermesina Splendens. Crimson.....	.85	.40
Rosy Morn. Delicate pink.....	.85	.40
Michell's Prize Mixture. This mixture contains only the finest sorts selected from the best strains.	.85	.25

PRIMULA OBCONICA

A beautiful and continuous blooming variety with handsome spikes of flowers and pretty foliage; elegant plants for greenhouse or light window of dwelling house.

	Large pkt.	Pkt.
Gigantea MONSTER. An extra large flowering strain of this popular Primula		
" **Apple Blossom.** Soft pink.....	$1.25	$0.40
" **Kermesina.** Deep crimson.....	1.25	.40
" **Deep Rose.** Brilliant shade.....	1.25	.40
" **Rosea.** Pink.....	1.25	.40
" **Salmon Queen**.....	1.25	.40
" **Mixed Colors**.....	1.25	.40
Grandiflora Alba. White.....	.75	.20
" **Coerulea.** Blue.....	.75	.20
" **Hamburg Rose**.....	.75	.20
" **Kermesina.** Crimson.....	.75	.20
" **Lilacina.** Pale lilac.....	.75	.20
" **Rosea.** Pink.....	.75	.20
" **Hybrida.** Mixed.....	.75	.20

PRIMULA, VARIOUS SORTS

	Large pkt.	Pkt.
Kewensis (*Verbena Scented Yellow Primrose*). Very attractive; bright yellow flowers on long stems; very fragrant.....	$0.75	$0.25
Malacoides (*Improved Baby Primrose*). If grown in a greenhouse it will bloom in four to five months after sowing. Color, a delicate light lilac.....	.75	.20
Malacoides Alba. Flowers pure white.....	.75	.20
Malacoides, King Albert. A beautiful shade of soft rose; very large flowers, almost circular in outline; a splendid novelty.....	.75	.25
Malacoides, Princess Patricia. Strong, robust grower; color, a beautiful lavender pink; flowers finely laced.....	.75	.25
Malacoides Superba. Deep rosy pink; large.....	.75	.40

HARDY PRIMROSE

Excellent early spring blooming plants; hardy, though in very cold localities they should have slight protection.

	Large pkt.	Pkt.
Japonica. One of the best hardy primroses for the garden; mixed colors.....	$0.75	$0.10
Veris (*English Cowslip*). Fragrant flowers of various colors; mixed; 6 inches.....	.60	.10
Vulgaris (*English Primrose*). Canary yellow; very fragrant.....	.60	.10

PUERARIA THUNBERGIANA

(Japanese Kudzu Vine)

One of the fastest growing hardy climbing plants; grows 8 to 10 feet the first year from seed; its foliage is large and covers well; rosy purple pea-shaped blossoms toward the end of August.....	.25	.10

Testimonial

San Antonio, Tex.

All the seeds I have received from you have given very good results. Primula Obconica raised from your seed has given, in quantity and quality, brilliant results. W. S.



Primula Obconica Gigantea



Pyrethrum, Single and Double

PYRETHRUM

FOLIAGE SORTS

Used for edging of ornamental beds; leaves finely cut.

	Large pkt.	Pkt.
Aureum (*Golden Feather*). Bright golden yellow foliage; 8 inches ..... oz., 50c.	$0.25	$0.10

FLOWERING SORTS

Handsome hardy perennial plants for the herbaceous border; flowers showy and excellent for cutting.

	Large pkt.	Pkt.
Roseum. Flowers bright rose color; July; 2 feet. . .	$0.60	$0.10
Uliginosum (*Giant White Daisy*). Large, single white flowers; September; 3 to 4 feet	.60	.10
Hybridum Single Mixed. Large flowers ranging in color from light pink to deep red, with bright yellow centers; July; 2 feet	.50	.10
Hybridum Double Mixed	.75	.25

RESEDA. (See Mignonette)

RHODANTHE (Everlasting Flower) (See page 25)

RICINUS (Castor Oil Bean)

Large, rapid growing ornamental foliage plants; produce a fine effect in center of beds or singly on lawns.

	Oz.	Pkt.
Red Spire. A very effective variety, with bronzy green foliage and rosy crimson seed spikes; 6 feet . .	$0.40	$0.15
Cambodgensis. Large leaves, dark bronzy-maroon; 5 feet	.25	.10
Gibsoni. Deep red foliage; 5 feet	.25	.10
Sanguineus. Blood-red stalks and clusters of red fruit; 8 feet	.25	.10
Zanzibariensis. Enormous leaves, varying in color from light green to purplish red; 12 feet	.25	.10
Mixed. All sorts	.20	.10

RUDBECKIA (Coneflower)

	Large pkt.	Pkt.
Bicolor Superba. A free-flowering annual; produces a profusion of yellow flowers with brown disc in center; 2 feet	$0.25	$0.10
Newmani. Large yellow flowers with black center; perennial; very showy; 3 feet	.40	.10
Purpurea (*Giant Purple Coneflower*). Hardy perennial; large showy, reddish purple flowers, with dark brown disc; 3 feet	.40	.10



Salpiglossis

SALPIGLOSSIS (Painted Tongue)

Easy growing annual plants which have become great favorites, not only because of its easy culture, but mainly for its beautifully tinted and veined flowers; blooms from early summer until late fall; 18 inches.

	Large pkt.	Pkt.
Crimson and Gold	$0.50	$0.10
Primrose	.50	.10
Purple and Gold	.50	.10
Rose and Gold	.50	.10
Scarlet and Gold	.50	.10
White and Gold	.50	.10
Emperor Mixed. A new type, having only one main stem, and bearing on its summit a large number of beautiful flowers, each one richly veined with gold.	.40	.15
Collection. One packet each above, 6 varieties		.50

MICHELL'S PRACTICAL GARDEN POINTERS

A publication we have compiled that contains valuable information on things floricultural, horticultural and agricultural. Ask for copy.—FREE.

See pages 8 to 10 for valuable Novelties and Specialties in Flower Seeds.



Ricinus (Castor Oil Plant)



Salvia, Bonfire

SALVIA (Scarlet Sage)

The Salvia is among our most popular and useful bedding plants. There is nothing more effective in the mid-summer or fall than these bright scarlet flowers. Seeds should be started either in the house or in hotbeds from February till April. Seed may also be sown in the open ground in May.

	Large pkt.	Pkt.
America or Globe of Fire. Of dwarf, bushy, compact growth and very uniform in height and shape; spikes of brilliant scarlet flowers ....¼ oz., $1.75	$0.75	$0.25
Bonfire (*Clara Bedman*). Compact bushy plants, 2 feet high, producing innumerable erect spikes of the most brilliant scarlet flowers .....¼ oz., $1.00	.40	.10
Patens. Bright blue flowers of large size; 2 feet....	.75	.15
Splendens. Tall growing plants with bright scarlet flowers; height, 3 feet.....¼ oz., 75c.	.50	.10
Zurich. One of the earliest flowering of all salvias; of dwarf, bushy growth with an abundance of bright scarlet flowers; 18 inches .....⅛ oz., 75c.	.50	.15
Farinacea. A perennial variety, but best treated as an annual; color, light blue; 2 feet.....	.50	.10

Ask for Cultural Leaflet No. 210 on the growing of Salvia.

SAPONARIA (Bouncing Bet)

	Large pkt.	Pkt.
Ocymoides. Splendid hardy perennial rock plant; bright rose colored flowers; 9 inches.....	$0.25	$0.10
Vaccaria. A profuse blooming annual with beautiful pink, feathery flowers; 2 feet.....	.25	.10

SCHIZANTHUS (Butterfly Flower)

One of our finest hardy annuals; of easy culture in any good garden soil; bears a profusion of showy flowers of various colors, closely resembling some species of Orchids; they are also useful as pot plants for late winter and spring blooming; for this purpose sow in autumn.

	Large pkt.	Pkt.
Garraway's Hybrids. A grand strain; flowers large; handsome markings on a white, buff, rose, blue or purple ground.....	$0.75	$0.25
Hybridus Grandiflorus. Compact, pyramidal plants, with large flowers of many shades; 12 inches.	.30	.10
Wisetonensis. A showy variety, largely used as a pot plant for the house or conservatory; bears a profusion of flowers ranging from white with yellow center to pink with brown center; 1½ feet.	.50	.20



Scabiosa, Grandiflora

SCABIOSA (Mourning Bride)

GRANDIFLORA VARIETIES (Annual)

Magnificent annuals of easy cultivation, blooming freely through the summer and autumn; very effective for beds or borders; invaluable for cutting; 2 feet.

	Large pkt.	Pkt
Peach Blossom (*New*). Peach blossom pink.....	$0.60	$0.25
Shasta (*New*). Pure white.....	.60	.25
Azure Fairy. Clear lavender blue.....	.25	.10
Cherry Red.....	.25	.10
Crimson. Rich shade.....	.25	.10
Flesh Pink. Delicate shade.....	.25	.10
King of Blacks. Deep purple.....	.25	.10
Rose. Soft rose color.....	.25	.10
White.....	.25	.10
Collection. One packet each 6 colors (not including Peach Blossom and Shasta).....		.50
Finest Mixed.....oz., 60c.	.25	.10
Dwarf Double Mixed. Plants grow but 12 inches high; all colors.....oz., 60c.	.25	.10

HARDY PERENNIAL VARIETIES

Handsome perennial border plants flowering the entire season.

	Large pkt.	Pkt.
Caucasica. Soft blue; 3 feet.....	$0.75	$0.10
Caucasica Alba. Pure white.....	.75	.10

SENSITIVE PLANT (Mimosa)

Pudica. Curious and interesting annual plants with pinkish white flowers; the leaves close or droop when touched or shaken; 18 inches.....	.25	.10

SHAMROCK

Dainty little house plants, easily grown from seed.

True Irish. Small leaved variety.....	.30	.10

SHASTA DAISY. See Chrysanthemum

SIDALCEA

	Large pkt.	Pkt.
Rosy Gem. A handsome perennial, with long spikes of rosy pink flowers; 2 to 3 feet.....	$0.60	$0.15

SMILAX

A greenhouse climber; foliage light green and very graceful; seed should be soaked 24 hours in warm water before sowing; 10 feet.....oz., 50c.	.25	.10

SNAPDRAGON. See Antirrhinum

SOLANUM

	Large pkt.	Pkt.
Cleveland Cherry. Ornamental pot plants for winter decoration; of dwarf, branching habit; produces a great profusion of scarlet berries; 1 foot	$0.60	$0.25



Statice, Sinuata

STATICE (Sea Lavender)

Splendid plants, either for the border or rockery, producing all summer panicles of small flowers, which can be dried and used for winter bouquets; 2 feet.

	Large pkt.	Pkt.
Incana Hybrida. Splendid dwarf perennial; mixed colors	$0.25	$0.10
Latifolia. Perennial; large deep-blue flowers	.50	.10
Bonduelli. Annual variety; golden yellow	.30	.10
Sinuata Blue. An annual variety	.30	.10
" **Lavender**	.30	.10
" **Rosea Superba**	.30	.10
" **White**	.30	.10
" **Mixed.** All colors	.25	.10

STEVIA

Serrata. Free blooming plants for summer or winter bearing a profusion of fragrant white flowers; excellent for cutting; 2 feet	.50	.10

STIPA (Ornamental Grass) See page 27.

Michell's "Distinctive" Stocks

The stock is one of the most popular and highly prized of our cultivated flowers; charming colors, delightful fragrance and of free blooming character. The seeds we offer are hand-saved from pot-grown specimens and will produce a large percentage of double flowers.

MICHELL'S EARLY FLOWERING "NICE" STOCK

An early flowering strain of branching habit; remarkably free bloomer; large, double fragrant flowers; fine for garden bedding or cutting. For winter blooming, sow from July to September.

	Large pkt.	Pkt.
Abundance. Dwarf, spreading habit; carmine-rose	$0.50	$0.15
Beauty of Nice. Charming delicate pink	.50	.15
Crimson King. Deep red	.50	.15
La Brilliante. Rich brilliant crimson	.50	.15
Midsummer Night. Deep, dark violet	.50	.15
Monte Carlo. Canary yellow	.50	.15
Mont Blanc. Pure white	.50	.15
Old Rose. An extra fine variety	.50	.15
Queen Alexandra. Delicate lavender	.50	.15
Choice Mixed. All colors	.50	.15

MICHELL'S FLOWER MARKET STOCK

This is the ideal stock for either garden, cutting or forcing under glass. Plants branch freely and produce from 10 to 15 heavy spikes of extra large perfect flowers; height, 2 feet.

	Large pkt.	Pkt.		Large pkt.	Pkt.
Blood Red	$0.50	$0.15	**Rose Pink**	$0.50	$0.15
Dark Blue	.50	.15	**White**	.50	.15
Flesh Pink	.50	.15	**Mixed**	.50	.15
Light Blue	.50	.15			

EARLY GIANT IMPERIAL STOCK

(Improved Bismarck)

A splendid addition to the early forcing class; of tall, branching habit, 24 to 30 inches high and produce a very high percentage of double flowers. See illustration on page 10.

	Large pkt.	Pkt.
Apple Blossom. Blush pink	$0.60	$0.25
Chamois. Ivory tinted old rose	.60	.25
Fiery Blood Red. Extra fine	.60	.25
Lavender	.60	.25
Rose. Deep rose pink	.60	.25
White	.60	.25
Mixed Colors	.60	.25

LARGE FLOWERED DWARF TEN-WEEK STOCK

This is the leading variety for bedding out, for summer blooming; also fine for pots.

	Large pkt.	Pkt.		Large pkt.	Pkt.
Blood Red	$0.40	$0.10	**Pink**	$0.40	$0.10
Crimson	.40	.10	**White**	.40	.10
Dark Blue	.40	.10	**Yellow**	.40	.10
Light Blue	.40	.10	**Mixed**	.40	.10

VARIOUS STOCKS

	Large pkt.	Pkt.
Princess Alice (*Cut-and-Come-Again*). Branching plants with double pure white flowers; fine for cutting	$0.50	$0.10
Virginian Mixed. Free flowering annual	.oz., 40c. .25	.10

Ask for Cultural Leaflet No. 211 on the growing of Stocks.



Stock, Michell's Flower Market

MICHELL'S EARLY OR WINTER FLOWERING SPENCER SWEET PEAS

While these are especially adapted for forcing under glass for winter and early spring blooming, they are also valuable for outdoor culture, coming into bloom five or six weeks earlier than the regular Spencer or Orchid flowered type, and if the flowers are kept cut, they will continue to bloom for a long time.

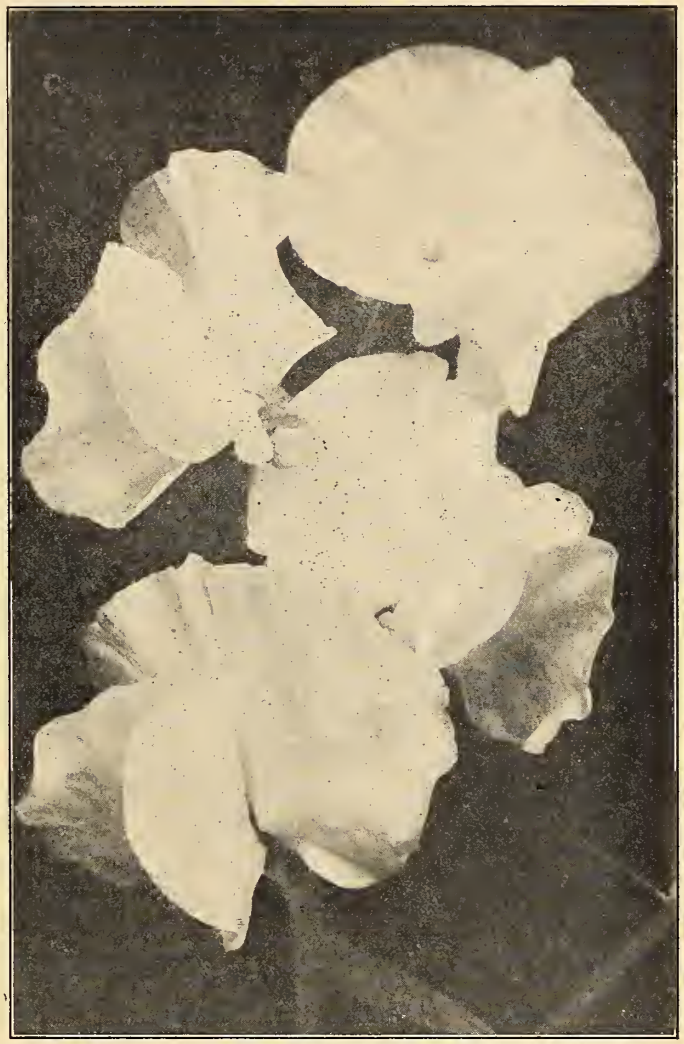
NEWER VARIETIES

The following varieties but recently introduced have proven to be a great improvement in the Early or Winter Flowering Spencer Sweet Peas.

	Pkt.	½ oz.	Oz.
Gilda Gray (*Novelty*). Standard a lovely shade of salmon-cerise, overlying a bright pink; wings Hermosa pink	$0.25	$0.65	$1.25
Jeanne Mamitsch (*Novelty*). Flowers large, on long stems; color, a beautiful shade of rose pink	.25	.65	1.25
Peerless Pink (*Novelty*). Glowing pink on cream ground, rose shading in wings; mammoth flowers on long stems	.25	1.30	2.50
Pink Profusion (*Novelty*). A sparkling shade of rich pink; flowers large, with both standard and wings waved and crinkled	.25	.65	1.25
White Harmony (*Novelty*). A new and valuable variety; black seeded; flowers pure paper white of grand substance; awarded two Silver Medals and three Certificates of Merit at various Flower Shows during the Spring of 1927	.25	1.60	3.00

GENERAL LIST

Asta Ohn. Rich lavender	.15	.40	.75
Aviator. Dazzling crimson scarlet	.15	.40	.75
Blue Bird. A charming shade of blue	.15	.45	.80
Burpee's Orange. Fine clear glistening orange; flowers of large size	.25	.60	1.00
Canary Bird. Rich deep cream or primrose	.15	.40	.75
Chevalier. Rose color with slight yellow tinge toward the base; extra large	.15	.50	.90
Columbia. Salmon color standard; white wings	.15	.40	.75
Fire King. Deep orange scarlet	.15	.40	.75
Florence Michell. The best deep blue to date; very free flowering	.25	.60	1.00
Glitters (*Early Royal Scot*). Standard fiery orange; wings deep orange	.15	.40	.75
Glorious. A charming shade of rose purple.	.15	.40	.75
Grenadier. Large flowers on long stems; color, rich scarlet	.15	.50	1.00
Harmony. A beautiful clear lavender	.15	.50	.90
Heatherbell. Mauve lavender	.15	.40	.75
Lavender King. Rich, deep lavender	.15	.40	.75
Madonna. Giant white; black seeded	.15	.40	.75
Mrs. Kerr. Flowers of immense size; color, rich salmon, overlaid with soft orange	.15	.60	1.00
Miss Louise Gude. Large shell pink	.15	.40	.75
Mrs. A. A. Skaach. Clear, light pink	.15	.40	.75
Princess. Flowers large; color, a lovely shade of soft lavender suffused mauve	.15	.40	.75
Rose Dore. Beautiful rose pink, suffused gold, with orange shading	.25	.60	1.00
Rose Queen. Flowers are borne freely on long stems, are of large size, and usually four flowers are produced on a stem. Color a most attractive shade of rose pink. ¼ oz., $1.25	.50	2.25	4.00
Snowstorm (*Improved*). White; extra large.	.15	.40	.75
True Blue. A charming blue self	.15	.40	.75
White Star. An extra fine black-seeded, pure white variety; flowers of enormous size	.15	.40	.75
Yarrawa. Flowers exquisitely waved and of large size, many of them being duplex or double. Color, a pleasing shade of bright rose pink with lighter wings	.15	.40	.75
Zvolanek's Rose. Extra large; rose pink	.15	.50	.90
Mixed Colors. Winter Flowering Spencer	.10	.30	.50



New Sweet Pea, White Harmony

For Sweet Peas especially adapted for outdoor planting see page 42.

NITROGEN-GATHERING BACTERIA

An ideal preparation for treating **Sweet Pea Seed** when planting. Makes larger and more flowers, longer stems; prolongs the blooming period.

Nitragin. Garden size, 20c. (by P. P., 25c.).
Mulford Culture. Garden size, 35c. (by P. P., 45c.).

Testimonial

Beach City, Ohio

We purchased our Sweet Pea seed of you last Winter and certainly had wonderful flowers, in fact were the finest on our local market; sure will give you repeat orders.

S. S.

MICHELL'S SPENCER OR ORCHID SWEET PEAS

Nothing within recent years can approach in importance the introduction of the "Spencer" Sweet Peas. They are distinguished from the Grandiflora sorts by the enormous flowers with crinkled and wavy petals, and also from the fact that they usually bear four blossoms on a stem. The plants are of robust growth and bear the flowers on long stems. On account of their superiority over the Grandiflora sorts, we have discontinued listing the latter. The varieties we list are selected from a long list and are considered to be the best up-to-date varieties.

	Oz.	¼ lb.	Lb.
BLUE AND PURPLE			
Commander Godsall. A beautiful, rich violet blue	$0.35	$1.00	$3.50
Mrs. Tom Jones. Bright Delphinium blue.	.35	1.00	3.50
Royal Purple. Rich purple; one of the finest varieties	.35	1.00	3.50
Wedgwood. A lovely self-blue	.35	1.00	3.50
DEEP PINK OR ROSE			
Apple Blossom Spencer. Standard light rose; wings primrose flushed rose	.35	1.00	3.50
Hawlmark Pink. Rose pink flushed and shaded with salmon	.35	1.00	3.50
LAVENDER			
Asta Ohn Spencer. Rich lavender; flowers large	.35	1.00	3.50
Florence Nightingale. One of the largest and best lavenders	.35	1.00	3.50
Hawlmark Lavender. Splendid large lavender	.35	1.00	3.50
Orchid Improved. Fine lavender pink	.35	1.00	3.50
LIGHT PINK			
Blanche Ferry Spencer. Large flowers; pink and white	.35	1.00	3.50
Countess Spencer. A lovely clear pink shading deeper at the edge	.35	1.00	3.50
Elegance. Blush lilac, suffused pink	.35	1.00	3.50
Elfrida Pearson. Large shell pink	.35	1.00	3.50
Hercules. Giant pure pink	.35	1.00	3.50
Picture. Pale pink suffused apricot	.35	1.00	3.50
Mary Pickford. Dainty cream pink, suffused salmon (Pkt., 25c.)	1.25	4.00	
MAROON			
Warrior. Rich maroon flushed bronze	.35	1.00	3.50
ORANGE AND SALMON			
Barbara. Superb self-colored salmon	.35	1.00	3.50
Guinea Gold. Splendid glowing orange, shaded gold (Pkt., 15c.)	1.25	4.00	
Helen Lewis. Orange pink; wings orange salmon	.35	1.00	3.50
PRIMROSE OR LIGHT YELLOW			
Daffodil. The best yellow yet introduced (Pkt., 15c.)	.35	1.00	3.50
Dobbie's Cream. Deep primrose	.35	1.00	3.50
SCARLET			
Defiance (*New*). A beautiful orange scarlet; a fine large flower (Pkt., 25c.)	1.25	4.00	
Fiery Cross. Large; intense orange scarlet.	.35	1.00	3.50
King Edward Spencer. Rich, crimson scarlet; large	.35	1.00	3.50
WHITE			
Constance Hinton. Large flowering white; black seeded	.35	1.00	3.50
King White. Gigantic flowers; pure white.	.35	1.00	3.50
Snowball. Undoubtedly the finest pure white variety (Pkt., 25c.)	2.25	7.50	
White Spencer. Pure white; large size	.35	1.00	3.50

Price, any of the above varieties, except where noted, 10c. per packet.

COLLECTION OF SPENCER OR ORCHID SWEET PEAS

One pkt. each 12 named varieties our selection, $1.00.



Sweet Pea, Snowball

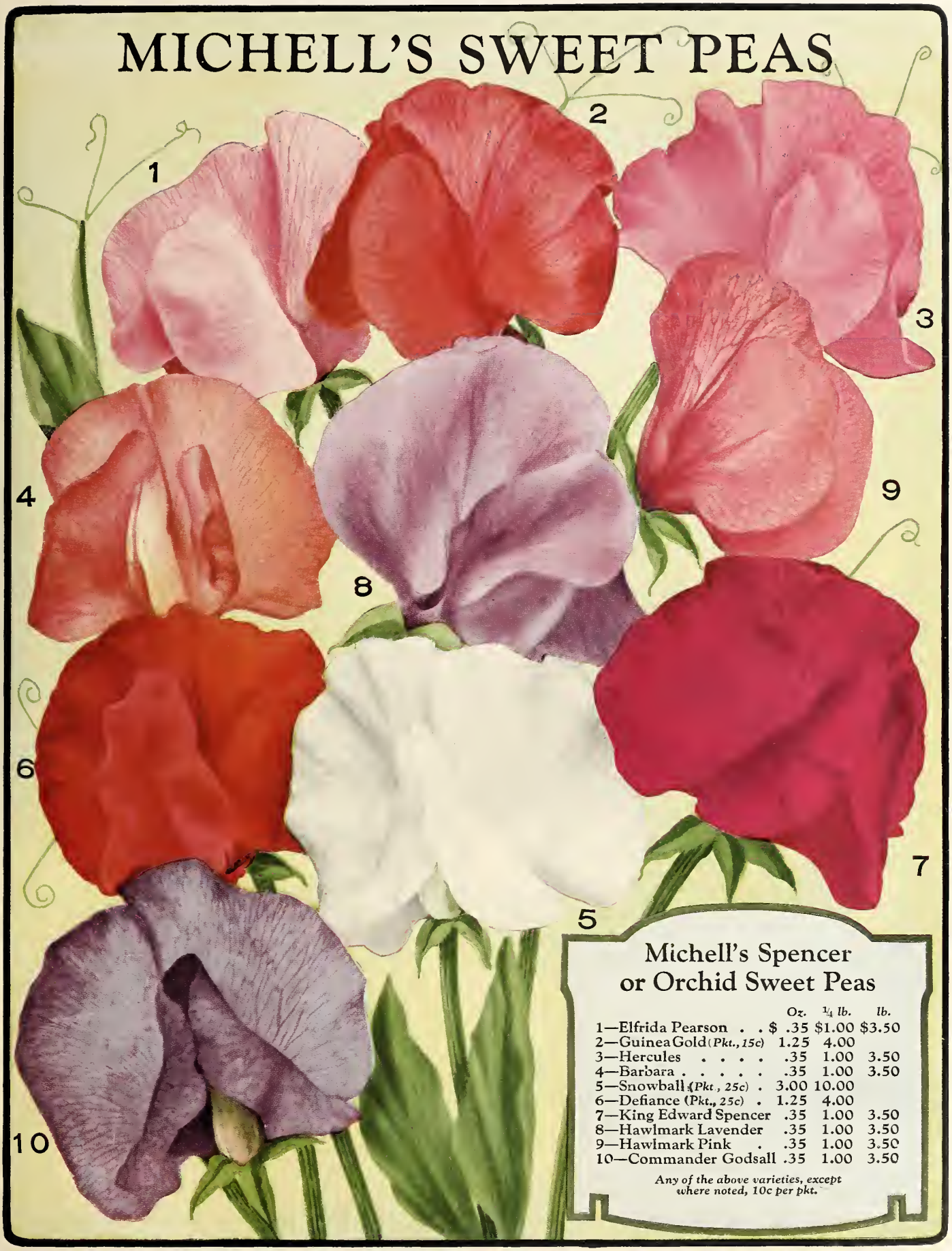
MICHELL'S SUPERB SPENCER MIXTURE

A mixture that cannot be surpassed. Blended by ourselves from only the Giant Waved Spencer varieties in proper proportions of bright colors and including a number of new hybrids of exquisite colors and shades. Per pkt., 10c.; 25c. per oz.; ¼ lb., 60c.; $2.00 per lb.

Our Booklet "How to Grow Sweet Peas" included in all orders if requested.

For Early or Winter Flowering Spencer Sweet Peas, see page 41.

MICHELL'S SWEET PEAS



Michell's Spencer or Orchid Sweet Peas

	Oz.	¼ lb.	lb.
1—Elfrida Pearson . .	$ .35	$1.00	$3.50
2—Guinea Gold (Pkt., 15c)	1.25	4.00	
3—Hercules	.35	1.00	3.50
4—Barbara	.35	1.00	3.50
5—Snowball (Pkt., 25c) .	3.00	10.00	
6—Defiance (Pkt., 25c) .	1.25	4.00	
7—King Edward Spencer	.35	1.00	3.50
8—Hawlmark Lavender	.35	1.00	3.50
9—Hawlmark Pink .	.35	1.00	3.50
10—Commander Godsall	.35	1.00	3.50

Any of the above varieties, except where noted, 10c per pkt.

STOKESIA (Cornflower or Stokes' Aster)

Plants grow about 18 to 24 inches high, bearing freely from July to October handsome Centaurea-like blossoms, each measuring from 4 to 5 inches across; of easy culture, and one of the most desirable plants for the hardy border; excellent for cutting.

		Large pkt.	Pkt.
Cyanea.	Lavender blue	$0.40	$0.10
" **Alba.**	Pure white	.40	.10

STRAWFLOWER (Helichrysum)

See Everlastings, page 25

SUNFLOWER (Helianthus)

Well known annuals, the small flowering sorts being useful for cutting; the tall varieties are valuable for backgrounds.

SMALL FLOWERED SORTS

		Large pkt.	Pkt.
Cut and Come Again.	Single golden yellow flowers, with petals twisted like a Cactus Dahlia. oz., 40c	$0.25	$0.10
Stella.	Golden yellow, single flowers with black centers; invaluable for cutting; 4 feet	oz., 40c. .25	.10

LARGE FLOWERED SORTS

Chrysanthemum Flowered.	Large double golden yellow flowers, resembling Chrysanthemums; 7 feet.	oz., 40c. .25	.10
Double Globe (*Globosus Fistulosus*).	Large double yellow flowers; height, 6 feet	oz., 40c. .25	.10
Dwarf Double (*Globe of Gold*).	Yellow flowers; 3 feet	oz., 40c. .25	.10
New Red.	Extra large flowers, some of which are rich chestnut red, others tipped with yellow.	oz., 60c. .25	.10
Russian Mammoth.	Immense single yellow flowers on tall heavy stalks; 6 feet	oz., 15c.	.10



Single Sweet William

SWEET WILLIAM (Dianthus Barbatus)

One of the finest hardy garden plants; of easy culture, thriving in any good garden soil. The plants grow about 1½ feet high, and form fine clumps; produces fine effects in beds and borders.

		Large pkt.	Pkt.
Auricula Flowered.	A beautiful class of "eyed" single varieties; all colors mixed	oz., 75c. $0.25	$0.10
Single Crimson		oz., 75c. .25	.10
" **Newport Pink.**	Salmon pink	.50	.15
" **Scarlet Beauty.**	Deep scarlet	.50	.15
" **Velvety Maroon**		oz., 75c. .25	.10
" **White**		oz., 75c. .25	.10
" **Mixed.**	All colors	oz., 50c. .25	.10
Double Mixed		oz., 90c. .25	.10
Annual Single Mixed		.50	.10

SWEET ALYSSUM. See Alyssum

SWEET ROCKET (Hesperis)

		Large pkt.	Pkt.
Mixed.	An excellent perennial for naturalizing among shrubbery or for planting in a permanent border; fragrant white and purple flowers in mixture; 2 to 3 feet	$0.25	$0.10

SWEET SULTAN (Centaurea Moschata)

Mixed.	Annual with fragrant flowers resembling a Centaurea	oz., 60c. .25	.10

TAGETES (Single Marigold)

Signata Pumila.	A fine bedding plant; flowers golden yellow; fern-like foliage	.25	.10

THALICTRUM (Meadow Rue)

Very graceful perennial plants with finely cut foliage; excellent for the hardy border.

		Large pkt.	Pkt.
Aquilegifolium.	Columbine like foliage; feathery white flowers	$0.60	$0.10
Dipterocarpum.	Rosy purple, with yellow anthers.	.75	.10

THUNBERGIA (Black-Eyed Susan)

Mixed.	Rapid growing annual climbers, making a pretty vine for trellises, fences, rockwork, etc.; also for window boxes, hanging baskets and vases.	oz., $1.50 .30	.10

TORENIA

Fournieri Grandiflora.	Showy annuals, flowering all summer; splendid for vases, hanging baskets, borders, etc.; flowers sky blue with yellow center; 12 inches	.75	.10

TRITOMA (Red Hot Poker)

Hybrida Mixed.	A free blooming hardy perennial; large spikes of flowers	.50	.10

TROLLIUS (Globe Flower)

Hybridus.	Hardy perennial, with large, buttercup-like, bright yellow flowers; 2 feet	.75	.15

VALERIANA (Garden Heliotrope)

Mixed Colors.	Hardy perennial border plants; large fragrant flowers, odor resembling that of the heliotrope; 2 to 3 feet	.25	.10

VERONICA (Speedwell)

An elegant hardy perennial plant of easy culture and free-flowering habit; of value as a cut flower or for garden.

		Large pkt.	Pkt.
Longifolia.	Rich blue flowers; 2 feet	$0.50	$0.10
Spicata.	Bright blue flowers; 18 inches	.50	.10

VINCA (Madagascar Periwinkle)

Dwarf bedding plants, easily raised from seed; deep green glossy foliage and bright single blossoms of striking beauty; also suitable for pot plants; sow early.

		Large pkt.	Pkt.
Alba.	White with rose eye	$0.40	$0.10
Alba Pura.	Pure white	.40	.10
Rosea.	Rose with dark eye	.40	.10
Mixed		oz., $1.25 .30	.10

MIXED FLOWER SEEDS FOR WILD GARDEN

This mixture embraces a large number of varieties of easy-growing, beautiful and interesting annual flowers, which will furnish a profusion of bloom throughout the entire summer and autumn; many of the varieties will be found useful for cutting. Pkt., 10c.; 25c. per oz.; ¼ lb., 60c.; $2.00 per lb.

WILD CUCUMBER VINE. See Echinocystis



Michell's Mammoth Fancy Verbena

VERBENA

One of the most popular garden annuals for beds and massing, and for a gorgeous display during the summer months cannot be excelled, commencing to flower in July and continuing until frost Our Mammoth Fancy Strain produces trusses of large flowers of the most brilliant colors.

	Oz.	Large pkt.	Pkt.
Michell's Mammoth Fancy Blue	$2.25	$0.50	$0.10
" " " **Pink**	2.25	.50	.10
" " " **Scarlet**	2.25	.50	.10
" " " **Striped**	2.25	.50	.10
" " " **White**	2.25	.50	.10
" " " **Yellow**	2.25	.50	.10
" " " **Mixed**	1.50	.40	.10
Collection. One packet each of above 6 colors			.50
Grandiflora Hybrida, Luminosa (*New*). Gigantic blooms of flame pink, toning to softer shades of pink and coral, a beautiful combination		.75	.15
Hybrida Grandiflora, Etna (*New*). The finest and brightest color in Verbenas, an intense Geranium red, with a small yellow eye; very large		.75	.25
Mammoth "Lucifer." Flowers of large size; color an intense deep cardinal scarlet throughout		.60	.15
Erinoides (*Moss Verbena*). Produces a mass of moss-like foliage, spreading over the ground; for beds, baskets or rockeries; flowers purple		.30	.10
Lemon Scented (*Aloysia Citriodora*). An old favorite garden plant with delightful lemon-scented foliage		.75	.10

WALLFLOWER

Half-hardy perennials of delicious fragrance. They should be protected in a cold frame in the winter and planted out in the spring; 2 feet.

	Large pkt.	Pkt.
Double Brown	$0.60	$0.10
" **Yellow**	.60	.10
" **Mixed.** All colors	.60	.10
Single Mixed oz., 40c.	.25	.10

Paris Extra Early. A single-flowering variety, which may be treated as an annual, flowering the first year from seed; 1½ feet.

	Large pkt.	Pkt.
Paris Extra Early Blood Red	$0.25	$0.10
Paris Extra Early Yellow	.25	.10
Paris Extra Early Mixed. All colors oz., 60c.	.25	.10



Viola Cornuta

VIOLA CORNUTA (Tufted Pansies)

These resemble pansies in shape and form and while not quite as large, they bloom more profusely and for a longer time.

	Large pkt.	Pkt.
Admiration. Dark blue	$0.60	$0.10
Apricot. Apricot yellow, tinged orange	.75	.20
Mauve Queen. Lovely mauve color	.60	.10
Perfection. Light blue	.60	.10
White Perfection. Large white	.60	.10
Yellow Perfection. Golden yellow	.60	.10
Mixed. All colors	.50	.10

VIOLA (Scotch Bedding Pansies)

These are very free flowering and cannot be surpassed for bedding purposes; produce larger flowers than the Viola Cornuta.

	Large pkt.	Pkt.
Mixed. From the best named Scotch varieties	$0.50	$0.25

VIOLET Sweet Scented (Viola Odorata)

Single Blue Czar. Dark blue	.75	.10

XERANTHEMUM (Everlasting Flower)

See page 25



Wallflowers, Single and Double



Zinnia, Giant Dahlia Flowered

MICHELL'S DISTINCTIVE ZINNIAS
(Youth and Old Age)

One of the most showy and satisfactory of our hardy annuals for beds, mixed borders and for cutting purposes; easy to grow in any good garden soil. They commence flowering early in the summer and continue until frost.

GIANT DAHLIA FLOWERED ZINNIAS

Plants are of strong, vigorous habit, from 2½ to 3 feet high, and produce mammoth flowers 4 to 6 inches across and 2½ to 3 inches deep; the flowers so closely resembling decorative Dahlias, that when placed by their side, it is difficult to distinguish one from the other. This new type is also valuable for growing under glass for cutting. See color plate, 4th cover page.

	Large pkt.	Pkt.
Crimson Giant	$0.50	$0.20
Dream. Deep lavender turning to purple	.50	.20
Exquisite. Light rose, center deep rose	.50	.20
Golden State. Orange yellow	.50	.20
Old Rose	.50	.20
Oriole. Orange and gold	.50	.20
Polar Bear. Pure white	.50	.20
Scarlet Flame. Scarlet with blending of orange	.50	.20
Mixed Colors	oz., $1.50 .30	.15
Collection, one packet each above 8 colors		1.25
" one large packet each above 8 colors		3.50

ROBUSTA OR GIANT DOUBLE ZINNIAS

Plants grow to a height of 2½ to 3 feet with immense perfectly double flowers; splendid for cutting or garden effect.

	Oz.	Large pkt.	Pkt.
Buttercup. Deep yellow	$1.25	$0.30	$0.10
Crimson	1.25	.30	.10
Flesh Color	1.25	.30	.10
Golden Yellow	1.25	.30	.10
Purple	1.25	.30	.10
Rose King. Carmine rose	1.25	.30	.10
Salmon	1.25	.30	.10
Scarlet	1.25	.30	.10
Shrimp Pink	1.25	.30	.10
Sulphur Yellow	1.25	.30	.10
Violet	1.25	.30	.10
White	1.25	.30	.10
Mixed	.75	.25	.10
Collection, one packet each, 12 colors			1.00
" one packet each, 6 colors			.50

ZINNIA ELEGANS, LILIPUT

Of compact habit not over 15 inches high; beautiful miniature, perfectly double flowers; splendid for bedding and good for cutting.

	Large pkt.	Pkt.
Canary Yellow	$0.25	$0.10
Salmon Rose	.25	.10
Scarlet Gem (*Red Riding Hood*)	.25	.10
White Gem	.25	.10
Mixed Colors	.25	.10

DWARF DOUBLE ZINNIAS

Compact bushes not over two feet in height, large double flowers.

	Oz.	Large pkt.	Pkt.
Crimson	$0.75	$0.25	$0.10
Pink	.75	.25	.10
Salmon Rose	.75	.25	.10
Scarlet	.75	.25	.10
White	.75	.25	.10
Yellow	.75	.25	.10
Mixed	.60	.25	.10
Collection, one packet each above 6 colors			.40

VARIOUS ZINNIAS

	Oz.	Large pkt.	Pkt.
Giant Picotee, Golden Pheasant. A new variety; desirable for bedding or cutting; gold ground, each petal tipped with maroon		$0.60	$0.25
GiantPicotee,Mixed. Large double flowers of many colors and shades.		.50	.25
Tall Double Mixed. All colors	.50	.25	.10

Testimonial

Selma, Ala.

Enclosed find check for Dahlia Flowered Zinnia seed; I bought some of these seed's from you early this spring and I wish you could see my Zinnias; they are the best I have ever had.

Mrs. L. A.

See pages 8 to 10 for valuable Novelties and Specialties in Flower Seeds.



Zinnia, Giant Robusta



It will be observed that the varieties offered in these collections are such as can be planted as late as most gardening can be undertaken. The "Collection Idea" of Vegetable Seeds is gaining in popular favor; many persons, even the experienced gardeners do not know the best varieties to order. These collections have also a decided feature of advantage, as they save time and money; they cover the most popular kinds of vegetables used in every household and we are sure our customers will find them made up with the thought of being entirely practical. As these collections are put up previous to the busy season we cannot make any changes in the varieties or quantities. The collections named below if bought separately would cost considerably more.

MICHELL'S CITY GARDEN COLLECTION

14 VARIETIES — **Sent Postpaid for $1.00**

1 Pkt. **Beans.** Stringless Green Pod.
1 Pkt. **Beans.** Dwarf Golden Wax.
1 Pkt. **Beans.** Fordhook Bush Lima.
1 Pkt. **Beet.** Eclipse.
1 Pkt. **Carrot.** Danver's Half Long.
1 Pkt. **Corn** (Sugar). Golden Bantam.
1 Pkt. **Lettuce.** Big Boston.
1 Pkt. **Onion.** Danver's Yellow Globe.
1 Pkt. **Parsley.** Moss Curled.
1 Pkt. **Peas.** Dandy Extra Early.
1 Pkt. **Radish.** Round Red.
1 Pkt. **Squash.** White Bush.
1 Pkt. **Tomato.** Earliana.
1 Pkt. **Turnip.** Purple Top Globe.

MICHELL'S SUBURBAN GARDEN COLLECTION

22 VARIETIES — **Sent Postpaid for $2.50**

½ Lb. **Beans.** Stringless Green Pod.
½ Lb. **Beans.** Dwarf Golden Wax.
½ Lb. **Beans.** Fordhook Bush Lima.
1 Pkt. **Beet.** Eclipse.
1 Pkt. **Cabbage.** Early Jersey Wakefield.
1 Pkt. **Carrot.** Danver's Half Long.
1 Pkt. **Cucumber.** White Spine.
½ Lb. **Corn** (Sugar). Stabler's Early.
1 Pkt. **Kale.** Dwarf Green Curled.
1 Pkt. **Kohl Rabi.** White Vienna.
1 Pkt. **Lettuce.** Big Boston.
1 Pkt. **Onion.** Danver's Yellow Globe.
1 Pkt. **Parsnip.** Hollow Crown.
1 Pkt. **Parsley.** Moss Curled.
½ Lb. **Peas.** Dandy Extra Early.
1 Pkt. **Radish.** Round Red.
1 Pkt. **Salsify.** Sandwich Island.
1 Oz. **Spinach.** Bloomsdale.
1 Pkt. **Squash.** White Bush.
1 Pkt. **Swiss Chard.** Lucullus.
1 Pkt. **Tomato.** Earliana.
1 Pkt. **Turnip.** Purple Top Globe.

MICHELL'S COUNTRY GARDEN COLLECTION

32 VARIETIES — **Sent Postpaid for $5.00**

1 Lb. **Beans.** Stringless Green Pod.
1 Lb. **Beans.** Dwarf Golden Wax.
1 Lb. **Beans.** Fordhook Bush Lima.
1 Lb. **Beans.** King of Garden Pole Lima.
1 Oz. **Beet.** Eclipse.
1 Pkt. **Cabbage.** Early Jersey Wakefield.
1 Pkt. **Cabbage.** Late Flat Dutch.
1 Oz. **Carrot.** Danver's Half Long.
1 Pkt. **Celery.** White Plume.
½ Lb. **Corn** (Sugar). Golden Bantam.
½ Lb. **Corn** (Sugar). Stabler's Early.
½ Lb. **Corn** (Sugar). Stowell's Evergreen.
1 Pkt. **Cucumber.** White Spine.
1 Pkt. **Endive.** Green Curled.
1 Pkt. **Kale.** Green Curled.
1 Pkt. **Kohl Rabi.** White Vienna.
1 Pkt. **Leek.** Carentan.
1 Pkt. **Lettuce.** Big Boston.
1 Pkt. **Lettuce.** Curled Silesian.
1 Pkt. **Lettuce.** Cos.
1 Pkt. **Muskmelon.** Rocky Ford.
1 Pkt. **Watermelon.** Dixie.
1 Pkt. **Onion.** Yellow Globe Danver's.
1 Pkt. **Onion.** Silver Skin.
1 Pkt. **Parsley.** Moss Curled.
1 Lb. **Peas.** Dandy Extra Early.
1 Lb. **Peas.** Dwarf Champion.
1 Oz. **Radish.** Round Red.
1 Oz. **Radish.** Round White.
1 Oz. **Spinach.** Bloomsdale.
1 Pkt. **Squash.** White Bush.
1 Oz. **Swiss Chard.** Lucullus.

Michell's Practical Garden Pointers. A publication we have compiled that contains valuable information on the culture of Vegetables, Flowers, etc., also Garden Plans, will be sent free with any of the above collections.

MICHELL'S FAVORITE COLLECTION

DWARF OR BUSH BEANS

Three of the best varieties

Extra Early Red Valentine — **Bountiful** — **Stringless Green Pod**

This collection is offered for the express purpose of giving those who garden a fresh supply of this luscious vegetable throughout the season. Plant at intervals of 2 weeks, in rotation as given. Specially priced as follows: 1 pkt. each for 25c.; 1 lb. each for $1.00, postpaid.

MICHELL'S POPULAR COLLECTION

CHOICEST OF SUGAR CORNS

Early Mayflower—Early
Sugar Kernel—Medium Early
Stowell's Evergreen—Late

For this collection we have selected three varieties most suitable for a supply of delicious corn throughout the season; plant every two weeks, in rotation as given. Specially priced as follows: 1 pkt. each for 25c.; 1 lb. each for 90c., postpaid.

MICHELL'S PRIZE COLLECTION

GARDEN PEAS

The best collection which will give a continuous supply.

Dandy Extra Early — **Little Marvel** — **Dwarf Champion**

What is more enjoyable than a dish of luscious peas, picked fresh from your own garden; there's a difference in the taste. The above collection should be sown at one time, as soon as all danger of freezing is over. A second sowing may be made not later than May 1st. Specially priced as follows: 1 pkt. each for 25c.; 1 lb. each for 90c., postpaid.

MICHELL'S SPECIAL COLLECTION

Beans — Corn — Peas

Half pound each { **Beans,** Stringless Green Pod. **Sugar Corn,** Stablers Extra Early. **Peas,** Dandy Extra Early.

As the collections of vegetable seeds offered by us the past season became very popular among our customers and having a number of requests for a special assortment of Beans, Corn and Peas in smaller quantities, we are offering this collection at the popular price of 65c., postpaid.

MICHELL'S VEGETABLE SEED SPECIALTIES

In line with our usual custom, we have taken from our general list certain specially meritorious varieties of vegetable seeds to which we call, on this and the 2 succeeding pages, special attention. Planters will do well to include these sorts in their seed order.

If Beans are wanted by Parcel Post add for postage as follows: 10c. for ½ lb.; 10c. for 1 lb.; 15c. for 2 lbs.; 20c. for 5 lbs.; 30c. for 10 lbs.; larger quantities by express or freight.

BEAN, DWARF GREEN POD BOUNTIFUL

See color plate opposite.

One of the best flat, green-podded bush beans; the plants are of very vigorous growth, early, a continuous bearer and very prolific; entirely stringless, very tender and of delicious flavor; pods 5 to 7 inches long. Valuable also as a dry shelled bean. Pkt., 10c.; 40c. per lb.; 2 lbs., 75c.; $1.60 per 5 lbs.; 10 lbs., $3.00; $7.00 per 25 lbs.

BEET

Michell's "Winter Keeper"

See color plate opposite.

This grand beet is almost globe shaped, tapering slightly toward the root. The dark blood red flesh is always tender; the hard, stringy, woodenlike substance, so common in many varieties, is entirely absent in this sort. It is ideal as a late summer cropper, or for use during winter and spring, until new beets are on the market again. Pkt., 10c.; 25c. per oz.; ¼ lb., 65c.; $2.25 per lb., postpaid.



Beet, Early Wonder

BEET, EARLY WONDER

A wonderful early variety of recent introduction and one which is gaining wide popularity. It may be sown early and it matures rapidly, earlier than Crosby's Egyptian. Globe shaped, very uniform in size, and of a beautiful deep red color; a desirable sort for the home garden as well as for market. Pkt., 10c.; 20c. per oz.; ¼ lb., 50c.; $1.50 per lb., postpaid.

CABBAGE, BABYHEAD

Extremely Early. Well adapted for Forcing.

An excellent variety of cabbage, characterized especially by its extreme earliness and the small size of the heads, which is usually less than six inches across, round, firm and of splendid cooking quality; has a very short stem and on account of the few small outer leaves the plants may be set as close as 8 to 10 inches apart. It is an ideal variety for growing under glass and early open ground planting. Pkt., 15c.; 35c. per ½ oz.; oz., 60c.; $1.85 per ¼ lb., postpaid.



Broccoli, Early Green Calabrese

BROCCOLI, EARLY GREEN CALABRESE

This is the variety so much sought by the Italian trade and has become quite popular in our American gardens; forms a fair size, green head; after this is cut from the main stalk, new sprouts develop, which form small heads of a loose nature. In order to get an early crop, sow seed in cold frames, transplanting at the proper time; ready for use in about four months from sowing of seed. Prepare this delicious vegetable same as you would cauliflower. Pkt., 20c.; 75c. per ½ oz.; oz., $1.35; $4.75 per ¼ lb., postpaid.

RADISH, ICICLE

See color plate opposite.

This is one of the finest of all long radishes; long, slender root, which remains crisp even when well developed; matures early and is good for either spring or fall sowing. Pkt., 10c.; 25c. per oz.; ¼ lb., 50c.; $1.50 per lb., postpaid.

TOMATO, CRIMSON CUSHION OR BEEFSTEAK

See color plate opposite.

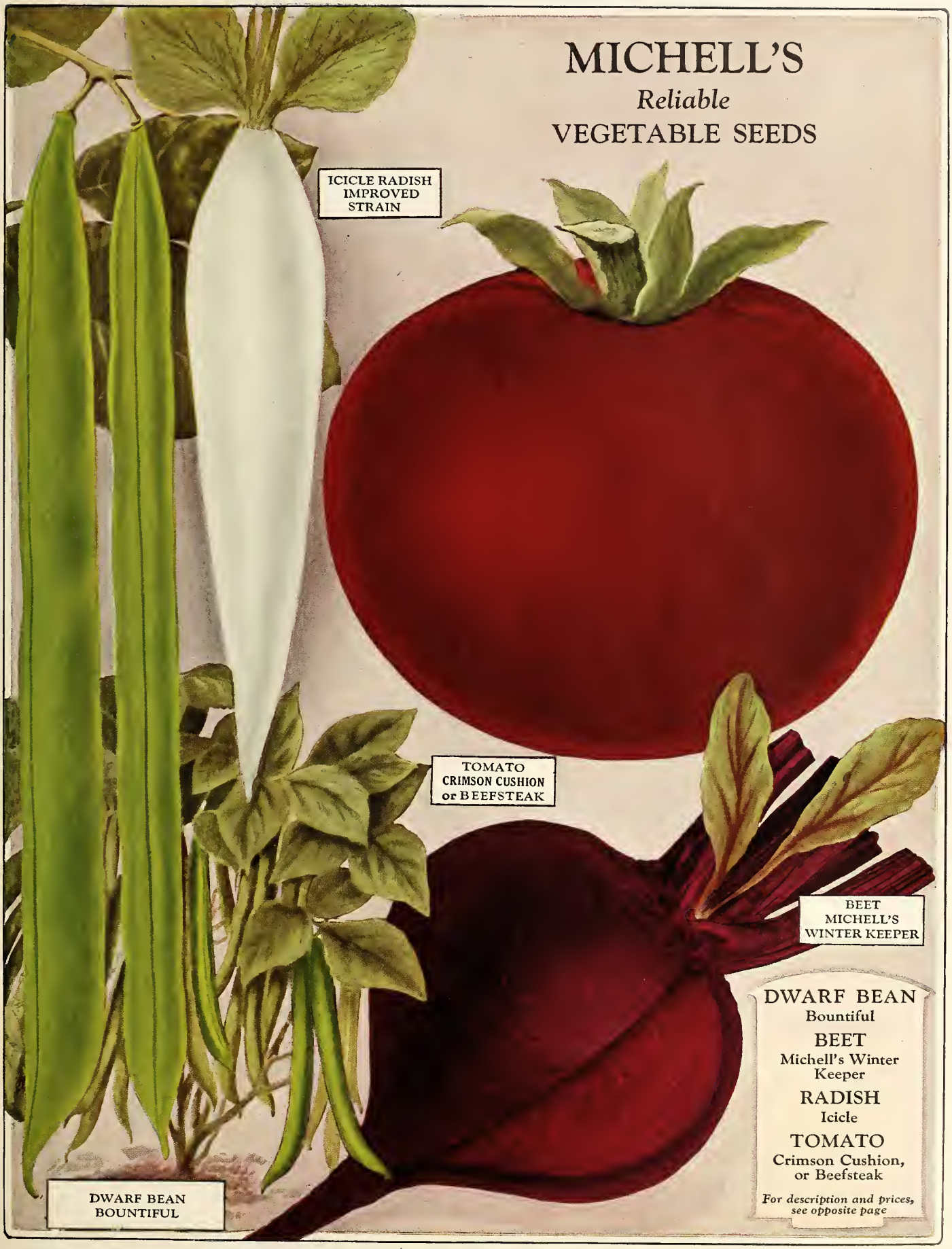
Large Size — Handsome Red Color
Solid — Free From Acid

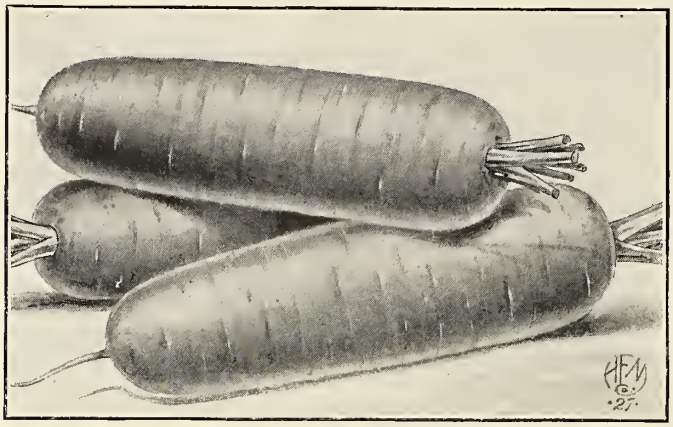
A vigorous grower; heavy, dark green foliage; fruits large, crimson scarlet, solid and suitable for slicing or canning. This is a variety that will grow and produce in most any locality. Pkt., 15c.; 45c. per ½ oz.; oz., 75c.; $2.25 per ¼ lb., postpaid.



Cabbage, Babyhead

For complete list of Cabbage, see pages 54 and 55.


MICHELL'S
Reliable
VEGETABLE SEEDS
ICICLE RADISH
IMPROVED
STRAIN
TOMATO
CRIMSON CUSHION
or BEEFSTEAK
BEET
MICHELL'S
WINTER KEEPER
DWARF BEAN
BOUNTIFUL
DWARF BEAN
Bountiful
BEET
Michell's Winter
Keeper
RADISH
Icicle
TOMATO
Crimson Cushion,
or Beefsteak
For description and prices,
see opposite page



Carrot, Coreless, or Nantes Half Long

CARROT

Coreless, or Nantes Half Long

One of the most symmetrical and handsomest of the medium sized varieties; the roots grow about 6 inches in length, are blunt pointed, smooth, bright orange in color, sweet and sugary. Pkt., 10c.; 25c. per oz.; ¼ lb., 60c.; $1.75 per lb., postpaid.

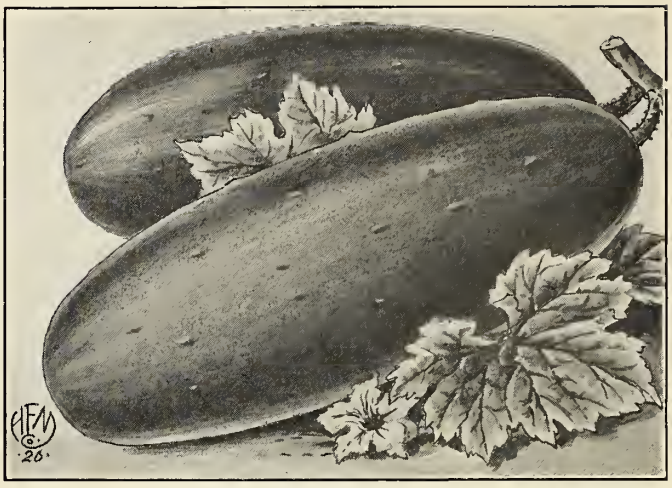


Celery, Golden Plume

CELERY, GOLDEN PLUME

It is claimed that this variety will mature earlier than any other variety and blanch in half the time. Of finest flavor and without strings; sweet, succulent, crisp and tender. Solid, does not grow hollow, all good eating, even the leaves. Pkt., 20c.; $1.25 per ½ oz.; oz., $2.00; $6.50 per ¼ lb., postpaid.

Semesan produces more and finer vegetables; an organic mercury disinfectant that can be used in either dust or liquid form.



Cucumber, Early Market

EARLY MARKET CUCUMBER

A new variety worthy of a trial in your garden. Plant this one and you will have cucumbers before your neighbors. An attractive dark green variety, uniform in shape and size; averages 8 inches in length; excellent for slicing. Pkt., 10c.; 35c. per oz.; ¼ lb., 85c., postpaid.



MUSK MELON

Michell's Delicious

This variety deservedly enjoys a good name; large in size, often weighing 15 to 20 lbs.; ideal for home use; one melon of this variety is enough for a family of three or four. The flesh is very deep orange-salmon and represents most of the melon, as the seed space is very small with but few seeds. Continues bearing till cold weather and holds its splendid quality up to the very last. Pkt., 15c.; 35c. per ½ oz.; oz., 60c.; $2.00 per ¼ lb., postpaid.

For complete list of vegetable seeds, see pages 48 to 76.

If Peas are wanted by Parcel Post add for postage as follows: 10c. for ½ lb.; 10c. for 1 lb.; 15c. for 2 lbs.; 20c. for 5 lbs.; 30c. for 10 lbs.; larger quantities by express or freight.

PEAS, EXTRA EARLY EIGHT WEEKS

This is one of the earliest dwarf Peas in cultivation, commencing to bear 6½ weeks after planting. They usually grow to a height of from 12 to 15 inches; on account of their dwarf habit they can be planted closer than most other varieties, yielding a greater quantity of peas from a comparatively small space of ground than from almost any other variety. The pods are of medium size and well filled with peas of extra fine quality. Pkt., 10c.; 25c. per ½ lb.; lb., 45c.; 85c. per 2 lbs.; 5 lbs., $1.65; $3.00 per 10 lbs.; 25 lbs., $7.00.



Spinach, Market Gardeners

MARKET GARDENERS SPINACH

This new variety is the highest perfection of the Spinach family, being a decided improvement on all other kinds. The leaves are broad, heavy and of a dark green, glossy color, very heavily blistered compared to Long Season; it will also stand at least a week or ten days longer than any variety we know of without shooting to seed, which is an important factor. The plants are large, strong and require a less number of plants to fill a basket than any other variety. A trial will convince you of the tenderness and superior quality of this variety. 15c. per oz.; ¼ lb., 30c.; 60c. per lb.; 5 lbs., $2.75; $5.00 per 10 lbs., postpaid.

SQUASH, BLUE HUBBARD

A sport from the well known Hubbard, resembling the warted Hubbard but excelling it in flavor and dryness. It is a blue gray in color, grows very large and is a heavy cropper; thick meated and of excellent quality. Pkt., 10c.; 20c. per oz.; ¼ lb., 50c. $1.60 per lb., postpaid.

TOMATO, MARGLOBE

A new variety that should be in every garden. Marglobe originated with the U. S. Department of Agriculture, by crossing the Marvel with the Globe, hence the name. This variety has retained the good characteristics of its parent Marvel, which was practically immune from the many tomato diseases and also its parent Globe in its productiveness, extra good quality and its handsome scarlet color. It is a variety suited to all purposes and an excellent sort to follow our Penn State Earliana. Pkt., 15c. 50c. per ½ oz.; oz., 75c.; $2.40 per ¼ lb.; postpaid.



Spinach, New Zealand

SPINACH, NEW ZEALAND

This variety endures heat and drought; excellent for summer use; the leaves are small and thick. It is a heavy yielder, growing upright; one sowing can be picked from throughout the entire summer. A very distinct variety. Do not confuse this with other varieties of spinach, as the seed should be sown about May 15th. In order to get a successful germination of the seed, it should be soaked in warm water for about 12 hours before sowing. Pkt., 10c.; 25c. per oz.; ¼ lb., 40c.; $1.25 per lb., postpaid.

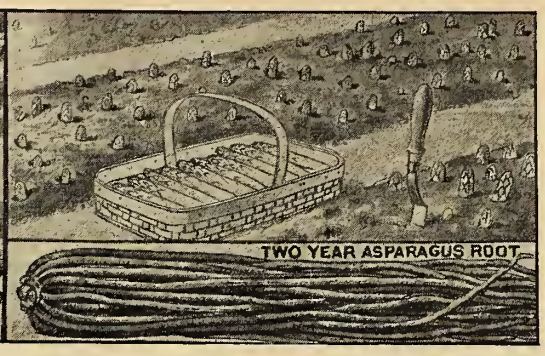
TOMATO, BONNY BEST

One of the most prolific of early tomatoes. The fruits are produced in clusters, are round, somewhat flattened and ripen evenly to the stem; color, bright red; flesh firm, solid and of excellent flavor. Pkt., 10c.; 35c. per ½ oz.; oz., 45c.; $1.35 per ¼ lb., postpaid.



Tomato, Marglobe





ARTICHOKE

Artichaut (Fr.); Artischoke (Ger.); Articiocca (Ital.). 1 oz. will produce about 500 plants.

Sow seed in January in the greenhouse, or in hotbeds in March. Transplant when large enough, in rows 3 feet apart, 2 feet apart in the row. Protect the plants in winter by taking them in a cellar or putting in a cold frame; may be left outdoors if protected by straw or leaves.

Green Globe. Pkt., 10c.; 30c. per ½ oz.; oz., 50c.; $1.60 per ¼ lb.

ARTICHOKE PLANTS
(Ready in April)

Green Globe. We grow a large stock of these, for those who do not care to bother with them from seed; thus an early crop may be assured. Pot grown. $1.50 per doz.; 25 for $3.00; $10.00 per 100 (by express only).

ARTICHOKE ROOTS
Jerusalem (Ready in April)

Sometimes called the American Artichoke. Used for table and stock feeding. Cut the tubers to single eyes and plant like potatoes, 3 to 4 feet apart each way, placing three or four tubers in a hill. Leave the tubers in the ground and dig as wanted; they are hardy. 20c. per lb. (by parcel post, 30c.); 75c. per 5 lbs. (by parcel post, 95c.); 10 lbs., $1.20 (by parcel post, $1.50); $2.75 per 25 lbs.; 50 lbs., $4.50.

ASPARAGUS

Asperge (Fr.); Spargel (Ger.); Sparagio (Ital.). Sow 5 lbs. per acre for roots, or 1 oz. to 50 feet.

A well-cared-for bed improves with age and lasts for many years. It may be established from seed, but much time is saved by planting roots. Seeds should be sown thinly in early spring in rows 1 to 2 feet apart. Thin out the weakest plants so the remainder will be 4 inches apart. When one or two years old, transplant in the permanent bed in rows 3 feet apart, setting the roots 1 foot to 1½ feet apart, from where it can be cut three years later. "Michell's Practical Garden Pointers" gives full information and is mailed free.

Michell's Giant Argenteuil (*French Grown Seed*). A remarkable shoot or spear is often two inches in diameter and 12 inches long, of which every part when boiled is tender and delicious. Color, white, with a greenish purple tip. 15c. per oz.; ¼ lb., 40c.; $1.25 per lb.

Barr's Mammoth. Produces heavy, stout spears, of delicious flavor. Remains green when cooked. 15c. per oz.; ¼ lb., 40c.; $1.25 per lb.

Palmetto or Eclipse. One of the earliest; very prolific and finely flavored. Color, green. 15c. per oz.; ¼ lb., 40c.; $1.25 per lb.

Pedigreed Washington. A rust-resisting variety, with long stout spears, which are of a dark green color, with a rich purple tinge. Pkt., 10c.; 30c. per oz.; ¼ lb., 90c.; $3.25 per lb.

ANISE

Seed is used for flavoring. Pkt., 10c.; 20c. per oz.

ASPARAGUS ROOTS
(Ready after March 1st)

4000 to 6000 roots are required for an acre.

	2-Year-Old Roots		
	Per 50	100	1000
Barr's Mammoth	$0.75	$1.25	$10.00
Giant Argenteuil	.75	1.25	10.00
Palmetto or Eclipse	.75	1.25	10.00
Washington (*New*) (*Rust-proof.*)	1.25	2.00	15.00

If above are wanted by parcel post, add 10c. per 50; 15c. per 100 for postage.

ACCESSORIES TO ASPARAGUS GROWING

Asparagus Tape. Fast red, in 1000-yard spools, $4.50 (by parcel post, $4.65).

Asparagus Tape. Green, in 1000-yard spools, $4.00 (by parcel post, $4.15).

Raffia. Ideal for tying asparagus in bunches. Natural, 50c. per lb. (by parcel post, 60c.); 5 lbs. for $2.40 (by parcel post, $2.60). Green, 85c. per lb. (by parcel post, 95c.); 5 lbs., $4.00 (by parcel post, $4.20).

Raffia Tape. A linen and paper composition; nile green color. 90c. per bolt of 250 yards (by parcel post, $1.00).

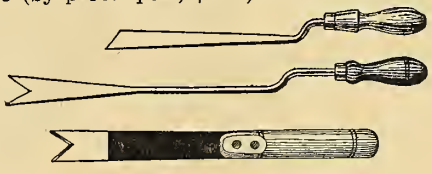
Jute Twine. For tying asparagus, 2 and 3-ply; soft and pliable. Per ball, 18c. (by parcel post, 25c.); 30c. per lb. (by parcel post, 40c.).

Asparagus Salt. Applied in the spring for destroying weeds, 800 lbs. per acre. $2.00 per 100 lbs.; 200 lbs., $3.25; $13.00 per ½ ton; ton, $25.00.

Asparagus Fertilizer. Compounded after a formula recommended by a leading asparagus grower; apply 800 lbs. per acre. In 200-lb. bags, $5.00; $22.50 per ½ ton; ton, $40.00.

ASPARAGUS BUNCHER

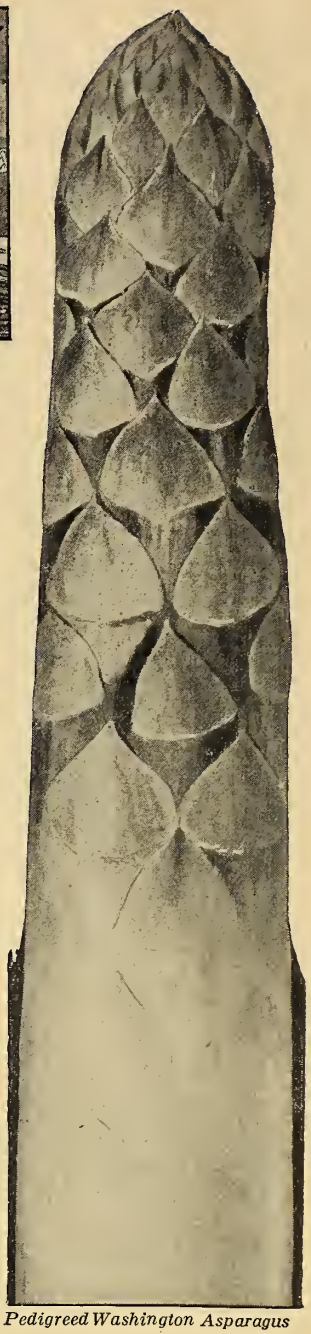
It pays to use a buncher. Asparagus is quickly tied and looks uniform. Price, with Knife Guard $4.75 (by parcel post, $5.00).



ASPARAGUS KNIVES

	Each	By P.P. Each
No. 1 (top illustration)	$0.50	$0.60
No. 3L (center illustration)	.55	.65
No. 2311 (bottom illustration)	.45	.55

A book, entitled **Asparagus Culture, by Hexamer,** will solve any of the problems that may arise in growing the crop. 174 pages. Price, $1.00, postpaid.



Pedigreed Washington Asparagus

Testimonial

Akron, Ohio

The Asparagus roots I had from your firm three years ago did fine, never cut bigger nor better Asparagus than I had last season.

Mrs. J. H. A.



Getting Michell's Stringless Green Pod Beans ready for Market

MICHELL'S DWARF BEANS

Haricots Nains (Fr.); Buschbohnen (Ger.); Fagiuoli Nani (Ital.). Plant 90 lbs. per acre. 2 lbs. will plant a 100 foot row.

Cultural Directions.—A rich, sandy loam suits beans to perfection. Toward the end of April or, still better, in May, sowings may be made and may be repeated every two weeks until August. Have the rows about two feet apart. Sow quite thinly in the row and about two inches deep; thin out to stand four to six inches apart in the rows.

If Beans are wanted by Parcel Post, add for postage as follows: 10c. for ½ lb.; 10c. for 1 lb.; 15c. for 2 lbs.; 20c. for 5 lbs.; 30c. for 10 lbs.; larger quantities by express or freight.

GREEN-PODDED VARIETIES

Black Valentine. Pods long and slender, semi-round and well-flavored; slight string when old. Pkt., 10c.; 35c. per lb.; 2 lbs., 65c.; $1.40 per 5 lbs.; 10 lbs., $2.50; $5.75 per 25 lbs.

Bountiful. A flat podded sort; stringless, tender and a prolific bearer. Pkt., 10c.; 40c. per lb.; 2 lbs., 75c.; $1.60 per 5 lbs.; 10 lbs., $3.00; $7.00 per 25 lbs.

Early Mohawk. This variety can be planted before any other sort, being quite hardy; large cropper; flat pod. Pkt., 10c.; 45c. per lb.; 2 lbs., 85c.; $1.65 per 5 lbs.; 10 lbs., $3.10; $7.25 per 25 lbs.

Early Red Valentine. An extra early variety, maturing a crop in 45 to 50 days, a large portion of which can be picked at one time; pods 5 to 6 inches long, round, thick, tender and of good quality. Pkt., 10c.; 35c. per lb.; 2 lbs., 65c.; $1.50 per 5 lbs.; 10 lbs., $2.70; $6.25 per 25 lbs.

Extra Early Refugee. An early, fleshy, round-podded sort, light green, nearly straight, solid, tender and of good quality. Pkt., 10c.; 35c. per lb.; 2 lbs., 65c.; $1.45 per 5 lbs.; 10 lbs., $2.60; $6.00 per 25 lbs.

Mammoth or Giant Stringless. Of vigorous habit; great producer, of large round pods, from 5½ to 6½ inches long; a good one for the market or home garden. Pkt., 10c.; 40c. per lb.; 2 lbs., 75c.; $1.65 per 5 lbs.; 10 lbs., $3.00; $7.00 per 25 lbs.

Masterpiece. A large, flat-podded variety, especially adapted for growing under glass, though it may be grown successfully outdoors. Pkt., 10c.; 65c. per lb.; 2 lbs., $1.20; $2.75 per 5 lbs.; 10 lbs., $5.00.

***Stringless Green Pod.** A round podded sort, early, prolific and a continuous bearer, pods measure 5 to 6 inches, slightly curved, very meaty; even when the pods become quite old they retain their stringless qualities. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.55; $2.80 per 10 lbs.; 25 lbs., $6.50.

Triumph of the Frames. Splendid for forcing under glass, producing long, narrow, tender pods. Pkt., 10c.; 65c. per lb.; 2 lbs., $1.20; $2.75 per 5 lbs.; 10 lbs., $5.00.

YELLOW-PODDED VARIETIES

Black Wax (*Pencil Pod Strain*). A round-podded, hardy sort, entirely stringless, very early. Pkt., 10c.; 40c. per lb.; 2 lbs., 75c.; $1.65 per 5 lbs.; 10 lbs., $3.00; $7.00 per 25 lbs.

Currie's Rust Proof Wax. Extra early; large yielder; long, thick flat pods. Pkt., 10c.; 35c. per lb.; 2 lbs., 65c.; $1.55 per 5 lbs.; 10 lbs., $2.80; $6.50 per 25 lbs.

***Golden Wax Rust Proof.** A very desirable variety for the home garden; a vigorous grower and rust-resisting, making it one of the best of the wax beans; pods flat, medium length, good quality. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.55; $2.80 per 10 lbs.; 25 lbs., $6.50.

Round Podded Kidney Wax. A vigorous grower; fleshy pods, stringless and rust-proof. Pkt., 10c.; 45c. per lb.; 2 lbs., 85c.; $1.85 per 5 lbs.; 10 lbs., $3.40; $8.00 per 25 lbs.

Stringless Refugee Wax. Round-podded, entirely stringless and of exceptional flavor. Pkt., 10c.; 40c. per lb.; 2 lbs., 75c.; $1.55 per 5 lbs.; 10 lbs., $2.80; $6.50 per 25 lbs.

Sure Crop Stringless Wax. This is worthy of a trial in your garden; long, thick, flat-pods of excellent quality. Pkt., 10c.; 40c. per lb.; 2 lbs., 75c.; $1.55 per 5 lbs.; 10 lbs., $2.80; $6.50 per 25 lbs.

Wardwell's Kidney Wax. A favorite market bean; long, thick, flat pods in great abundance; one of the best medium early sorts; free from rust. Pkt., 10c.; 40c. per lb.; 2 lbs., 75c.; $1.75 per 5 lbs.; 10 lbs., $3.20; $7.50 per 25 lbs.

Please Note.—Only varieties of Beans marked * can be supplied in ½ lb. packages.

FAVORITE COLLECTION. Three of the best Green Pod Beans —Extra Early Red Valentine; Bountiful; Improved Stingless Green Pod. See page 45 for prices.

MICHELL'S POLE BEANS (Not Limas)

Haricots a Rames (Fr.); Stangenbohnen (Ger.); Fagiuoli (Ital.)

When all danger of frost or cold nights is over, plant as you would limas, in hills 4 feet apart each way, about 4 or 5 beans to the hill, eyes downward. When up and established, thin out to 3 plants in a hill. Plant about 20 lbs. to the acre.

Pole Beans are not accorded in the north the same attention they deserve and receive in the southern part of the United States, where they are found in practically every garden. They are frequently more tender, and yield larger crops than dwarf sorts. One planting lasts usually for the season.

If Beans are wanted by Parcel Post, add for postage as follows: 10c. for ½ lb.; 10c. for 1 lb.; 15c. for 2 lbs.; 20c. for 5 lbs.; 30c. for 10 lbs.; larger quantities by express or freight.

*Early Golden Cluster Wax.** A beautiful deep yellow pod, flat and frequently 8 inches long; quite stringless and matures in about 85 days. A heavy yielder, the pods being borne in large clusters. The best of the pole beans and a splendid variety for the home garden. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.65; $3.00 per 10 lbs.; 25 lbs., $7.00.

*Kentucky Wonder or Old Homestead.** Green Pod. In the South this variety is grown more extensively probably than any other; a tremendous yielder of long round pods, very tender and practically stringless. Quite early, being ready for picking about 85 days from planting. Pkt., 10c.; 25c. per ½ lb.; lb., 35c.; 65c. per 2 lbs.; 5 lbs., $1.45; $2.60 per 10 lbs.; per 25 lbs., $6.00.

Kentucky Wonder Wax. A very prolific sort, producing long, thick and almost straight pods, which are of a light yellow color and of excellent quality. Pkt., 10c.; 40c. per lb.; 2 lbs., 75c.; $1.55 per 5 lbs.; 10 lbs., $2.80; $6.50 per 25 lbs.

Lazy Wife. The best late, green podded pole bean; pods broad, thick, very fleshy and stringless; very prolific. Pkt., 10c.; 40c. per lb.; 2 lbs., 75c.; $1.55 per 5 lbs.; 10 lbs., $2.80; $6.50 per 25 lbs.

Scarlet Runner (*Green Pod*). While used principally for its flowering qualities, this makes a splendid winter shell bean. The bright red flowers are an attraction when the vine is used for covering arbors, trellis, fences, etc. Pkt., 10c.; 35c. per lb.; 2 lbs., 65c.; $1.55 per 5 lbs.; 10 lbs., $2.80; $6.50 per 25 lbs.

DWARF VARIETIES OF SHELL BEANS
For Winter Use

For soups, baked beans, etc., these are always useful. They can be used in the green state like other sorts when picked very young, but for the first named purpose they are the best. Plant when ground is warm in spring and up to July 1st in rows 2 feet apart, beans 3 inches apart in the row.

Boston Navy or Pea. 10c. per pkt.; 35c. per lb.; 2 lbs., 65c.; $1.40 per 5 lbs.; 10 lbs., $2.50; $5.50 per 25 lbs.

Broad Windsor. An English bean used in the dry state shelled. Plant in rows about 3 feet apart, about 8 inches apart in the row. Pkt., 10c.; 40c. per lb.; 2 lbs., 75c.; $1.50 per 5 lbs.; 10 lbs., $2.80.

Red Kidney. Pods long, kidney-shaped, light red in color and of good quality. Pkt., 10c.; 30c. per lb.; 2 lbs., 55c.; $1.35 per 5 lbs.; 10 lbs., $2.50; $5.75 per 25 lbs.

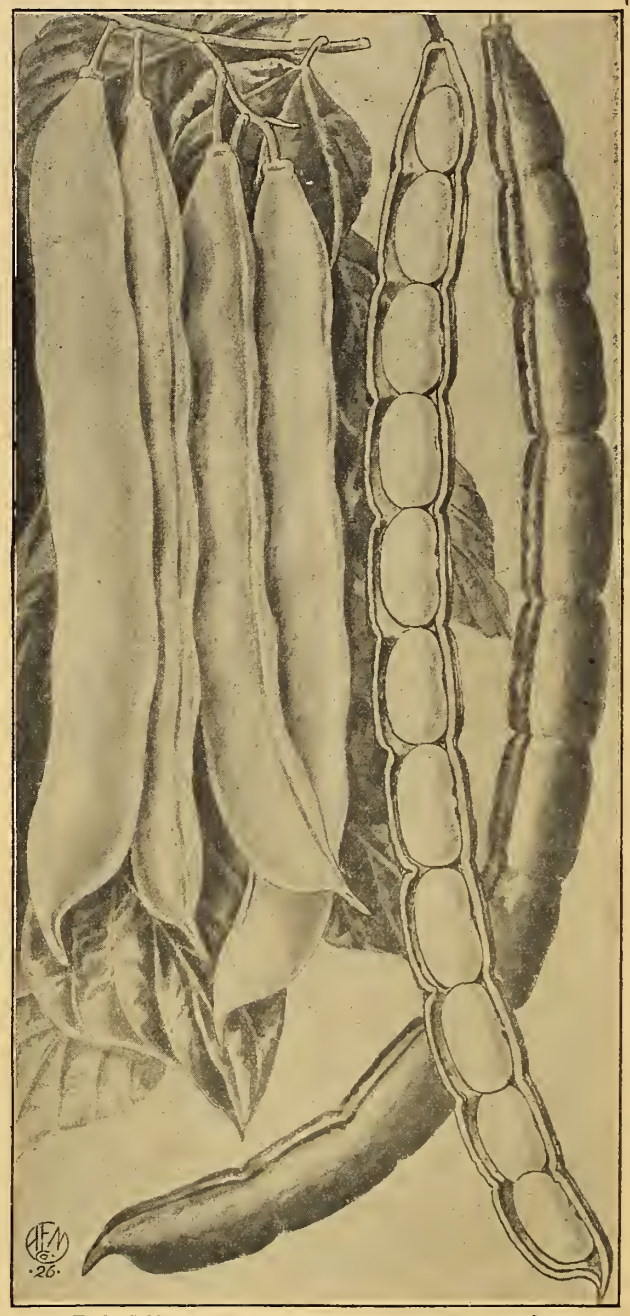
White Marrowfat. Somewhat larger than the Boston Navy or Pea and extensively planted for shelling for winter or for using in the green state. Pkt., 10c.; 30c. per lb.; 2 lbs., 55c.; $1.35 per 5 lbs.; 10 lbs., $2.50; $5.75 per 25 lbs.

Dwarf Horticultural. One of the best early shell beans; the thick, flat, stringless pods are colored red and green; the bean is large, round and speckled. Pkt., 10c.; 40c. per lb.; 2 lbs., 75c.; $1.55 per 5 lbs.; 10 lbs., $2.90; $6.75 per 25 lbs.

PLEASE NOTE.—Only varieties of Beans marked * can be supplied in ½ lb. packages.

SEMESAN

Disinfection of bean seeds by dusting with Semesan destroys surface-borne seed diseases, increases stand and yield.



Early Golden Cluster *Kentucky Wonder*

Cedar Bean Poles (*Pointed*). Extra selected quality, about 10 feet long. 12 for $2.25; 25 for $4.00; 50 for $7.75; $15.00 per 100.

NITROGEN BACTERIA FOR BEANS

If you want your bean patch to yield earlier and better, inoculate the seed before planting with nitrogen bacteria. We offer the following Brands: **Mulford Germ.** and **Nitragin.**

When ordering, be sure and specify wanted for garden beans, as each leguminous crop requires a separate culture.

MICHELL'S LIMA BEANS

Haricots a rames (Fr.); Stangenbohnen (Ger.); Fagiuoli di Lima (Ital.)

If Beans are wanted by Parcel Post, add for postage as follows: 10c. for ½ lb.; 10c. for 1 lb.; 15c. for 2 lbs.; 20c. for 5 lbs.; 30c. for 10 lbs.; larger quantities by express or freight.

POLE VARIETIES

2 pounds will plant 100 hills; 25 to 30 pounds per acre.

Plant when all danger of frost or cold nights is over with the eye of the bean down. Put a liberal number in a hill, as this is cheaper than replanting. When up and established, thin out to 3 or 4 plants in a hill. The poles should be set as soon as the garden is made in rows about 3 feet apart, with the poles about 3 feet apart in the row. It is a good plan to put a small shovelful of well-rotted cow manure in each hill when the poles are set, so the beans when started will make rapid growth and mature early.

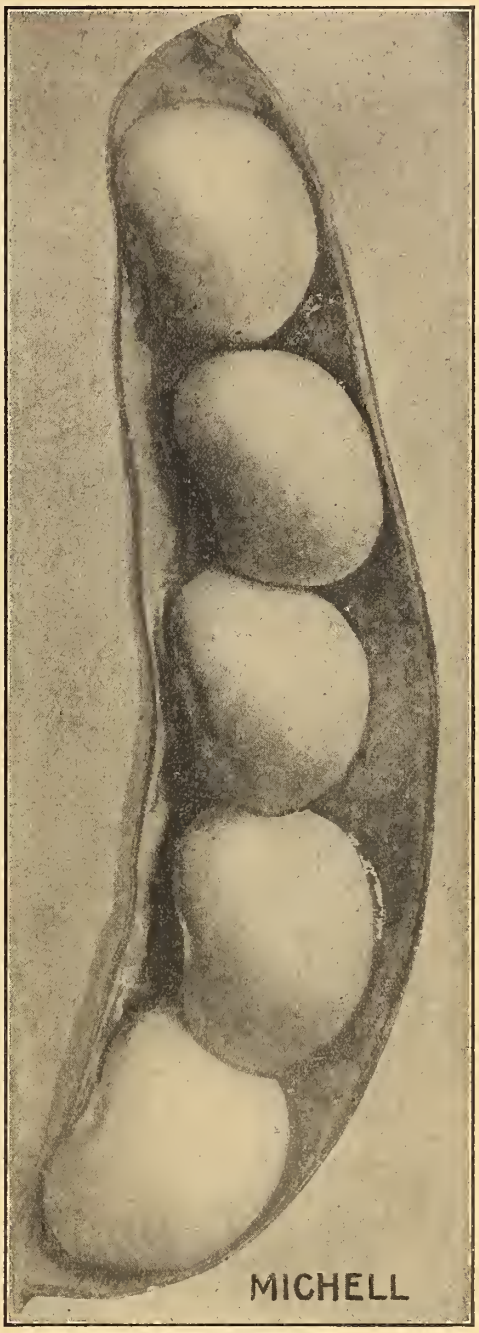
Carpinteria. A variety that retains its green color in all stages of growth, even after being dried; with this it combines wonderful prolificness, flavor, and size; a good early variety; 4 to 5 beans in a pod. Pkt., 10c.; 40c. per lb.; 2 lbs., 75c.; $1.55 per 5 lbs.; 10 lbs., $2.80; $6.50 per 25 lbs.

Dreer's Improved. Also known as Challenger or Potato Lima. Although somewhat smaller than other limas, it is very early, prolific and of delicious flavor. Pkt., 10c.; 40c. per lb.; 75c. per 2 lbs.; $1.75 per 5 lbs.; 10 lbs., $3.20; $7.50 per 25 lbs.

Giant Podded. Produces a heavy, stocky vine, well filled with gigantic pods, in clusters, producing a nice size white bean. Pkt., 10c.; 40c. per lb.; 2 lbs., 75c.; $1.55 per 5 lbs.; 10 lbs., $2.80; $6.50 per 25 lbs.

***King of the Garden.** An old time favorite, but still popular with the amateur as well as the market gardener; of sturdy growth, exceedingly productive and retains that good flavor of the limas. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.55; $2.80 per 10 lbs.; 25 lbs., $6.50.

Michell's Evergreen. Any one wishing an exceptionally early pole lima should plant this one. It is remarkable for its productiveness and good flavor; continues bearing until frost. Pkt., 10c.; 45c. per lb.; 2 lbs., 85c.; $1.60 per 5 lbs.; 10 lbs., $2.90; $6.75 per 25 lbs.



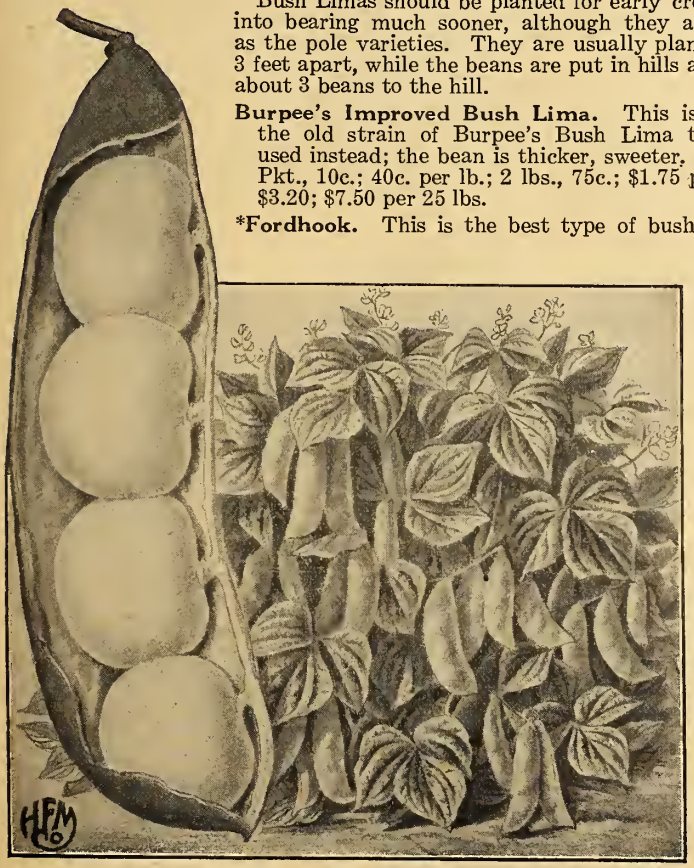
Michell's Evergreen Lima

BUSH OR DWARF VARIETIES

Bush Limas should be planted for early crops, as they come into bearing much sooner, although they are not so prolific as the pole varieties. They are usually planted in rows about 3 feet apart, while the beans are put in hills about 2 feet apart, about 3 beans to the hill.

Burpee's Improved Bush Lima. This is so far ahead of the old strain of Burpee's Bush Lima that it should be used instead; the bean is thicker, sweeter, and more prolific. Pkt., 10c.; 40c. per lb.; 2 lbs., 75c.; $1.75 per 5 lbs.; 10 lbs., $3.20; $7.50 per 25 lbs.

***Fordhook.** This is the best type of bush lima in cultivation; has a distinct upright vigorous growth; pods are borne in clusters well above the ground and frequently contain as many as 4 thick luscious beans. It matures very early and continues in bearing till frost. Pkt., 10c.; 30c. per ½ lb.; lb., 45c.; 85c. per 2 lbs.; 5 lbs., $2.10; $3.90 per 10 lbs.; 25 lbs., $9.25.



Fordhook Bush Lima

Hendersons. A dwarf, compact growing variety, with large clusters of pods, containing very small flat beans; this is a favorite sort for canning, but cannot be recommended for flavor. Pkt., 10c.; 35c. per lb.; 2 lbs., 65c.; $1.45 per 5 lbs.; 10 lbs., $2.60; $6.00 per 25 lbs.

Wilson's Improved. Claimed to be two weeks earlier than Burpee's Improved Bush Lima; it also is much more prolific, though the pod nor the bean is quite as large. Pkt., 10c., 40c. per lb.; 2 lbs., 75c.; $1.75 per 5 lbs.; 10 lbs., $3.20; $7.50 per 25 lbs.

Only Varieties of Beans marked * can be supplied in ½ lb. packages.

MICHELL'S CHOICE BEET SEED

Betterave (Fr.); Salatrube (Ger.); Barbabietola (Ital.). One ounce will sow a row 50 ft. long; 5 lbs. per acre.

Sow in drills one foot apart and one inch deep, as early as the ground can be worked; when the plants are large enough thin out to stand four inches apart in the row. For an early crop in hotbeds the seed should be sown in early March, while for a winter supply sow about July 10th outdoors. **Prices of all seeds on this page include mailing charges.**

Arlington Favorite. Extra early; exceedingly sweet; rich blood red. Pkt., 10c.; 20c. per oz.; ¼ lb., 45c.; $1.25 per lb.

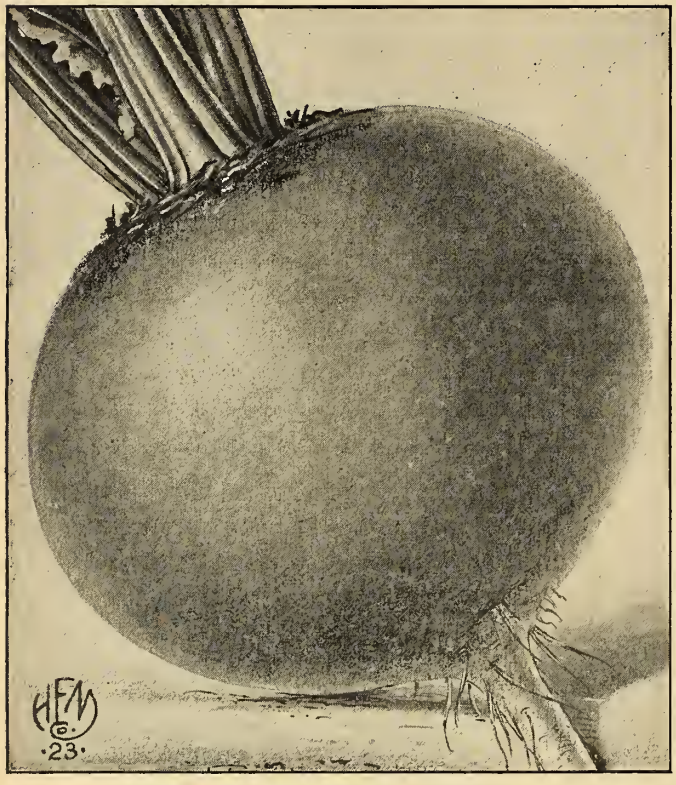
Bassano Extra Early. A flat variety; flesh white and rose colored. Pkt., 10c.; 20c. per oz.; ¼ lb., 45c.; $1.25 per lb.

Bastian's Early Blood Turnip. The best beet for market and family use; grows quite large; turnip-shaped. Pkt., 10c.; 20c. per oz.; ¼ lb., 45c.; $1.25 per lb.

Bastian's Half Long Blood. Used extensively for winter use. Pkt., 10c.; 20c. per oz.; ¼ lb., 50c.; $1.50 per lb.

Crimson Globe. Almost round in shape, a rich deep red color; it has a distinct delicious flavor and is very tender. Pkt., 10c.; 20c. per oz.; ¼ lb., 50c.; $1.50 per lb.

Crosby's Egyptian. One of the earliest beets; especially desirable on account of its rich blood-red color throughout. An early spring and winter variety and one of the best table varieties. Pkt., 10c.; 20c. per oz.; ¼ lb., 50c.; $1.50 per lb.



Beet, Detroit Dark Red (Special Strain)

Detroit Dark Red (*Michell's Special Strain*). The seed of this variety is a careful re-selection from the choicest, most uniform roots; it will be found superior to the usual type of Detroit Beet. Pkt., 10c.; 25c. per oz.; ¼ lb., 65c.; $2.25 per lb.

Detroit Dark Red (*Regular Strain*). Pkt., 10c.; 20c. per oz.; ¼ lb., 50c.; $1.50 per lb.

Early Wonder. An extra early variety; globe shaped; flesh deep blood red and very tender. See illustration on page 46. Pkt., 10c.; 20c. per oz.; ¼ lb., 50c.; $1.50 per lb.

Eclipse. Perfectly smooth and round; skin and flesh intense red. An excellent sort for forcing or for planting in the garden. Pkt., 10c.; 20c. per oz.; ¼ lb., 45c.; $1.25 per lb.

Lentz Early. Fine for sowing in hotbeds and outdoors early; inside color red, with zone of lighter shades. Pkt., 10c.; 20c. per oz.; ¼ lb., 45c.; $1.25 per lb.

Michell's Ideal. A splendid turnip-shaped beet of rich, blood-red color; fine grained and very tender. Pkt., 10c.; 25c. per oz.; ¼ lb., 60c.; $2.00 per lb.

Michell's Winter Keeper. Globe shaped; rich red, tender and sweet; one of the best winter varieties. Pkt., 10c.; 25c. per oz.; ¼ lb., 65c.; $2.25 per lb.

SWISS CHARD, GIANT LUCULLUS

Pkt., 10c.; 20c. per oz.; per ¼ lb., 45c.; $1.25 per lb.

BEETS

Mangel Wurzel or Cattle Varieties. (See page 63.)

BASIL, Sweet (Herb)

Pkt., 10c.; 25c. per oz.

BORAGE (Herb)

Pkt., 10c.; 25c. per oz.

BROCCOLI

Broccoli (Fr.); Sparkelkohl (Ger.); Broculi (Ital.). One ounce will produce 3000 plants.

A vegetable resembling cauliflower and often grown where the latter does not thrive. Cultural method is much the same.

Early Green Calabrese. This is the variety so much sought by the Italian trade and has become quite popular in our American gardens; forms a fair size green head; after this is cut from main stalk, new sprouts develop, which form small heads of a looser nature. For illustration and full description, see page 46. Pkt., 20c.; 75c. per ½ oz.; oz., $1.35; $4.75 per ¼ lb.

White Cape. Pkt., 10c.; 40c. per ½ oz.; oz., 65c.; $2.25 per ¼ lb.



Brussels Sprouts

BRUSSELS SPROUTS

Chou de Bruxelles (Fr.); Rosekohl (Ger.); Berza de Brussels (Ital.).

One ounce will produce about 3000 plants.

Sow seed about May 15th; transplant when about 4 ins. high in rows 3 feet apart, 2 feet apart in the row. When heads begin to crowd, the lower leaves should be broken from the stem of the plant to give them plenty of room. They are best for cooking after they have had a slight frost.

Long Island Half Dwarf. Compact heads; very productive. Pkt., 10c.; 30c. per oz.; ¼ lb., 75c.; $2.50 per lb.

Matchless Improved. Pkt. 10c.; 30c. per oz.; ¼ lb., 75c.; $2.50 per lb.

BRUSSELS SPROUTS PLANTS (Ready in July)
25 for 30c. (by parcel post, 40c.); $1.00 per 100 (by parcel post, $1.15); per 1000, $6.50.

CARAWAY (Herb)

For flavoring, etc. Pkt., 10c.; 20c. per oz.

SEMESAN MAKES SEEDS HEALTHY
An organic mercury disinfectant that can be used in either dust or liquid form.

MICHELL'S CHOICE CARROT SEEDS

All seeds on this page mailed postpaid at quoted prices.

Carotte (Fr.); Mohruben (Ger.); Carota (Ital.).
One ounce will sow 100 ft. of drill; 3 to 4 lbs. per acre.

For an early crop sow as soon as danger from frost is over in rows 1 foot apart; when 2 inches high, thin out to stand 2 inches apart in the row. For a late crop sow in May or June. The long sorts should be sown early; the half-long and round sorts can be sown later.

Chantenay Half Long. Orange scarlet color; very productive; especially desirable for market or home use; flesh tender, and fine grained; 5 inches long, stump-rooted. Pkt., 10c.; 20c. per oz.; ¼ lb., 45c.; $1.50 per lb.

Coreless, or Nantes Half Long. One of the finest medium sized varieties; blunt pointed, smooth; bright orange in color. See illustration on page 46A. Pkt., 10c.; 25c. per oz.; ¼ lb., 60c.; $1.75 per lb.



Danvers Half Long Carrot

Danvers Half Long. The best variety for general crop; rich orange color; heavy yielder and splendid keeper; a first-class carrot for all soils and valuable both for table and stock; 6 to 7 inches long, stump-rooted. Pkt., 10c.; 20c. per oz.; ¼ lb., 45c.; $1.50 per lb.

Early Half Long Scarlet. A very desirable stump-rooted variety, coming in between the Scarlet Horn and the Long Orange; early, of fine flavor and good color; can be sown in hotbeds for early use, for which purpose it is very good; 5 to 6 inches long. Pkt., 10c.; 25c. per oz.; ¼ lb., 60c.; $1.60 per lb.



Michell's Earliest Snowstorm Cauliflower

CAULIFLOWER PLANTS (Ready April 1st)

Snowball variety only. Spring plants from hotbeds. 25c. per doz. (by parcel post, 35c.); per 100, $1.75 (by parcel post, $1.90).

Snowball variety only. Pot-grown plants. 75c. per doz.; per 100, $5.00. Not mailable.



Early Scarlet Horn Carrot

Early Scarlet Horn. A favorite early red variety; fine grain and good flavor; stump-rooted, about 6 inches long; ideal for soups. Pkt., 10c.; 20c. per oz.; ¼ lb., 50c.; $1.50 per lb.

Guerande or Oxheart. A desirable variety on soils too hard and stiff for the longer growing sorts, as it is not over 3 to 4 inches long. Rich orange color and fine flavored. Pkt., 10c.; 20c. per oz.; ¼ lb., 50c.; $1.50 per lb.

Improved Long Orange. Deep orange color; 10 inches long; yields heavily; fair table quality; best for stock feeding. Pkt., 10c.; 20c. per oz.; ¼ lb., 50c.; $1.50 per lb.

Orange Beauty. A first-class carrot in every respect. Medium long pointed root; beautiful shade of orange. Pkt., 10c.; 20c. per oz.; ¼ lb., 50c.; $1.50 per lb.

Rubicon Half Long. One of the best in shape; deep orange-red colored flesh, of finest quality; stump-rooted; earlier than the Danvers and not quite so long; well adapted for early forcing and for growing outside. Pkt., 10c.; 25c. per oz.; ¼ lb., 50c.; $1.60 per lb.

Very Early Short Horn or French Forcing. An early forcing variety; small round root, not much larger than a radish. It may be sown outdoors as well as under glass. Pkt., 10c.; 25c. per oz.; ¼ lb., 50c.; $1.60 per lb.

White Belgian. Used principally for stock, not being desirable for table; produces a long thick white root. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; 90c. per lb.

CATNIP (Herb)

For making tea; a cat tonic, etc. Pkt., 25c.

CAULIFLOWER

Choux Fleurs (Fr.); Blumenkohl (Ger.); Cavol Fiora (Ital.).
One ounce of seed will produce about 3,000 plants.

Sow seeds in hotbeds or window boxes in February or March and transplant in cold frames. When hard frosts are over plant outdoors. For second crop, sow in April and set out in May. For late crop, sow in June and set out in July. Plants should be set in rows 3 feet apart, 2 feet apart in the row.

Danish Giant, or Dry Weather. An ideal variety for summer use; stands drought and heat better than other sorts; heads snow white and of enormous size; later than other sorts. Pkt., 25c.; 50c. per large pkt.; ¼ oz., $1.00; $1.75 per ½ oz.; oz., $3.00.

Early Snowball. For either forcing under glass in cold frames or outdoor spring planting, producing magnificent medium size white heads. Pkt., 25c.; 50c. per large pkt.; ¼ oz., $1.00; $1.75 per ½ oz.; oz., $3.00.

Half Early Paris. A small head; suited to growing outdoors only. Pkt., 15c.; 50c. per ¼ oz.; 85c. per ½ oz.; oz., $1.50.

Michell's Earliest Snowstorm. Colossal heads of purest white, averaging often 10 inches in diameter; especially desirable for its earliness under glass, but does equally well in late spring, summer, or autumn outdoors. Pkt., 25c.; 50c. per large pkt.; ¼ oz., $1.25; $2.00 per ½ oz.; oz., $3.50.

Michell's Special Strain Selected Erfurt. One of the earliest varieties; heads not as large as the Snowstorm sort. Pkt., 25c.; 50c. per large pkt.; ¼ oz., $1.00; $1.75 per ½ oz.; oz., $3.00.

MICHELL'S CHOICE CABBAGE SEED

Chou pomme (Fr.); Kopf Kohl (Ger.); Cavolo Cappuccio (Ital.)

One ounce will produce about 3,000 plants; 4 oz. will produce enough for an acre.

Our strains are the very best to be had, selected from specimen heads in well rogued fields. Sow seeds of the early varieties in February in hotbeds and transplant latter part of April or early in May to open ground, or an early sowing in open ground can be made as soon as weather will permit. Set the plants in rows 2 feet apart and 12 to 18 inches apart in the row. The second early varieties sow in April and transplant in May; late varieties, sow in May and transplant in July, setting plants in rows 3 feet apart and 2 feet in rows. Never plant cabbage in the same location two years in succession.

All seeds on this page mailed postage free.

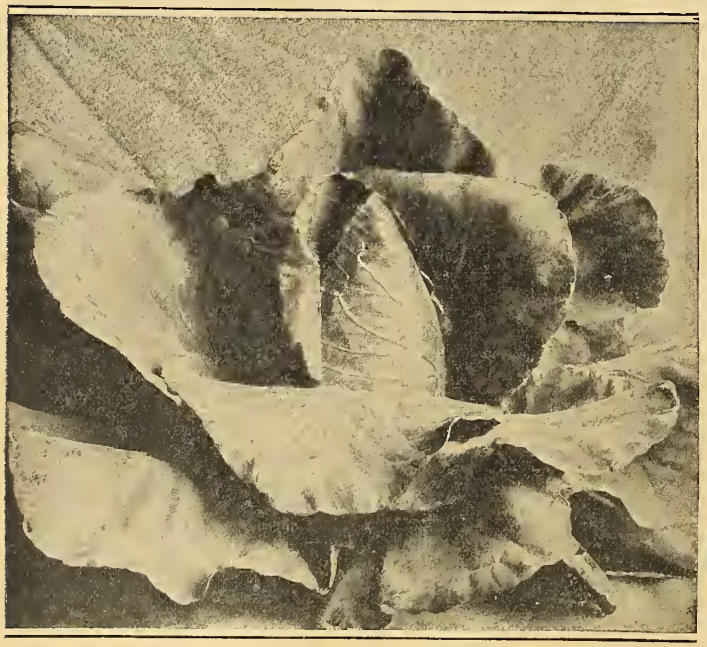
EARLY VARIETIES

All Head. The largest of the early cabbages. The head is roundish flat and remarkably solid; excellent for winter as well as early spring. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; $1.00 per ¼ lb.

Babyhead. An excellent variety, characterized especially by its extreme earliness and the small size of the heads, which is usually less than six inches across, round, firm and of splendid cooking quality; has a short stem and few small outer leaves; plants may be set as close as 8 to 10 inches apart. It is an ideal variety for growing under glass and early open ground planting. (See illustration, page 46.) Pkt., 15c.; 35c. per ½ oz.; oz., 60c.; $1.85 per ¼ lb.

Charleston or Large Wakefield. Similar to the Early Wakefield, but the heads are more blunt, equally as solid, while it grows almost twice the size and matures one week later. Pkt., 10c.; 25c. per ½ oz.; oz., 40c.; $1.10 per ¼ lb.

Copenhagen Market. An early, round headed variety, following the Golden Acre. The heads frequently weigh as much as 10 lbs. Our stock is imported and the best the market affords. Pkt., 10c.; 25c. per ½ oz.; oz., 40c.; $1.10 per ¼ lb.



Extra Early Jersey Wakefield Cabbage

Extra Early Jersey Wakefield. One of the finest types of early cabbage; produces uniform pointed heads. The outer leaves form a protection for the heads, which enables it to be set out earlier than other sorts. Pkt., 10c.; 25c. per ½ oz.; oz., 40c.; $1.10 per ¼ lb.

Henderson's Early Summer. Heads of medium size, roundish-flat and solid. A fine variety for following the early types; makes a splendid solid head. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; $1.00 per ¼ lb.

Surface-borne seed diseases and damping off are controlled by Semesan treatment.

Danish Ball Head. This excellent winter cabbage is unequaled for its keeping qualities, massiveness and weight. For boiling, cold slaw, sauer kraut, etc., it is ideal, being crisp, tender and sweet. Does well under most any condition of moisture or drought; heads seldom burst. Pkt., 10c.; 25c. per ½ oz.; oz., 40c.; $1.10 per ¼ lb.



Golden Acre Cabbage

Golden Acre. Early, solid and uniform; a new acquisition to the cabbage family; the plant is dwarf in habit; heads medium size, averaging 5 lbs., round, solid and grows but few outer leaves; suitable for close planting. Follows the Baby Head in earliness, yet ten days earlier than Copenhagen Market. Pkt., 15c.; 40c. per ½ oz.; oz., 65c.; $2.10 per ¼ lb.

LATE OR WINTER VARIETIES

All Seasons (*Vandergaw*). A very large head, round and solid. Valuable for late summer or winter use. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; $1.00 per ¼ lb.



Late Flat Dutch Cabbage

Late Flat Dutch. This has been selected especially for our trade, the seed being taken from the finest types of heads which are selected for solidity and uniformity. Heads large and quality unsurpassed. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; $1.00 per ¼ lb.

NOTE—All seeds on this page sent postpaid at quoted prices.

LATE OR WINTER VARIETIES —Continued

Perfection Drumhead Savoy. A beautifully crimped-leaved sort; color, a deep glossy green. The head is almost round. Savoy cabbage is distinctly flavored, being much sweeter than the other kinds. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; $1.00 per ¼ lb.

Red Dutch. A red variety, used extensively for pickling. For cole slaw it has merits over the white kinds. It is principally used for winter, keeping well until spring. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; $1.00 per ¼ lb.

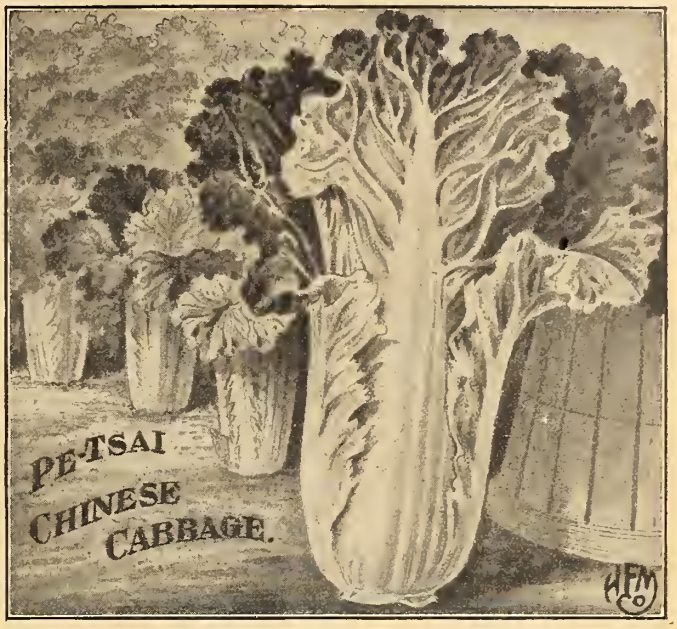
CHINESE OR CELERY CABBAGE

Wong Bok. Easily grown and can be served in numerous ways. Does not grow quite as tall as the Pe Tsai, but is thicker through; the heads are elongated, self-folding and requires no blanching; it resembles Romaine lettuce. In order to get proper results, seed should not be sown until after August 1st. Pkt., 10c.; 25c. per ½ oz.; oz., 40c.; $1.00 per ¼ lb.

CABBAGE PLANTS

		100	By P.P.	1000
Early Sorts.	Hotbed grown.....	$0.75	$0.90	$6.50
Early Sorts.	Cold-frame grown.....	1.00	1.15	8.50
Late Sorts.	Field grown.....	.75	.90	5.50

Surface-borne seed diseases and damping off of cabbage are controlled by **Semesan** treatment.



CHINESE OR CELERY CABBAGE

Pe Tsai. This resembles in appearance and growth a head of Cos Romaine or Celery Lettuce. The heads are firm, almost like cabbage. The flavor is delightful, not at all like cabbage, but rather on the order of Witloof Chicory or French Endive. The plants are handled much like lettuce, except that they should be set from 15 to 18 inches apart, the rows 2 to 2½ feet apart. Pkt.. 10c.; 25c. per ½ oz.; oz., 40c.; $1.00 per ¼ lb.

CHAMOMILE (Herb)

Pkt., 10c.; 35c. per ½ oz.; per oz., 60c.



Double Curled Chervil

CHERVIL

One ounce will sow a row 50 feet long.

An aromatic plant used extensively in Europe as a salad garnishing and seasoner. Sow in rows like parsley, which it somewhat resembles. For a continuous crop, sow every two weeks; if one has heated frames or a greenhouse it can be sown under glass all winter or in hotbeds in February. It can be cut 4 or 5 weeks after sowing.

Double Curled. Pkt., 10c.; 20c. per oz.; ¼ lb., 35c.; $1.00 per lb.

CHICORY

One ounce will sow a row 100 feet long.

Witloof. The roots are easily produced from seed, sown in May or June, in rows 12 inches apart; thin out the plants to 2 or 3 inches. They are taken up after a few hard frosts and cared for the same as Turnips or similar crops. Used only as a winter vegetable, the top part only being edible. Plant under a bench in the greenhouse or a light, dry, warm portion of a cellar in a bed of rich garden soil 12 inches deep. Place about 6 inches apart each way. The top growth remains intact, and may be cut any time after 5 inches growth. Roots should be set in the soil the same depth as they were originally in the garden. A continuous supply of this delicious winter vegetable can be had all winter. A cold frame makes also an ideal place for forcing them in the late winter or early spring months. Pkt., 10c.; 25c. per oz.; ¼ lb., 75c.



Witloof

CHIVES (Schnittlauch)

Indispensable for flavoring certain dishes, imparting a mild taste of onion. The plants are hardy and will last for years; don't cut the plant too close when gathering. For winter use, lift and plant in a pot or box and place in a sunny window in the kitchen.

Seed. Pkt., 15c.; 35c. per ½ oz.; oz., 60c.

Strong Plants. 3 for 50c. (by parcel post, 60c.); $1.50 per doz. (by parcel post, $1.70); $10.00 per 100.

CITRON

This will be found described under the heading of melons. Pkt., 10c.; 15c. per oz.; ¼ lb., 40c.



Collards

COLLARDS

One ounce of seed will produce 3000 plants.

These are extensively grown in the south and used as greens during the winter months. In that latitude the plant is practically hardy. The lower leaves are pulled off and used, when new ones then form on the upper part of the stem, which increases in height. Planted much like cabbage.

Georgia or Southern. Pkt., 10c.; 25c. per oz.; ¼ lb., 60c.

CORIANDER (Herb)

For flavoring etc. Pkt., 10c.; 20c. per oz.

MICHELL'S CHOICE CELERY

Celeri (Fr.); Sellerie (Ger.); Sedano (Ital.).

One ounce of Seed will produce 3000 to 5000 plants; half pound is sufficient for one acre.

Sow in hotbeds in March or in open ground in April. See that no weeds infest the seed bed; when 3 inches high transplant in a bed outdoors in rows 3 inches apart each way; let them remain there until July when they should be planted where they are to mature in rows 3 feet apart, 6 inches apart in the row. Celery Plants if topped a few times before and when transplanted into their permanent growing place will make shorter, stockier plants. **Seeds offered on this page mailed at quoted prices.**

EARLY VARIETIES

Easy Blanching (*Private Stock, Penna. Grown*). A very much improved type. Flavor delicious, stalk very large and fine grained and color all that can be desired. Plants set out in June are fully matured and ready for use the early part of September. The seed is grown for us by one of the leading Market Gardeners of Penna. who has made a specialty of celery for many years. Pkt., 15c.; 75c. per ½ oz.; oz., $1.25; $4.25 per ¼ lb.

Easy Blanching. A splendid first early variety, being ready in October; produces enormous stalks which are very crisp. Pkt., 10c.; 35c. per ½ oz.; oz., 60c.; $1.75 per ¼ lb.

Golden Plume. Matures very early; blanches very quickly, of finest flavor and without strings, crisp and tender. See illustration on page 46A. Pkt., 20c.; $1.25 per ½ oz.; oz., $2.00; $6.50 per ¼ lb.

Golden Self Blanching (*French Grown Seed*). One of the earliest and most productive sorts. The beautiful golden-colored stalks attain a height of 18 inches, which are never pithy and of excellent flavor; ready in October, but may be kept for early winter use. Pkt., 15c.; 75c. per ½ oz.; oz., $1.25; $4.00 per ¼ lb.

Golden Self Blanching (*American Grown Seed*). Pkt., 10c.; 35c. per ½ oz.; oz., 60c.; $2.00 per ¼ lb.

Pink Plume. A very solid, crisp, desirable sort; the stalks when blanched are a beautiful rose-pink. Pkt., 10c.; 40c. per ½ oz.; oz., 65c.; $2.25 per ¼ lb.



White Plume Celery

White Plume. The standard early celery for market and the home garden. The stalks and heart, which blanch very quicky to almost a pure white, are very crisp and brittle. It can be used early in November. Pkt., 10c.; 25c. per ½ oz.; oz., 40c.; $1.35 per ¼ lb.

LATE WINTER VARIETIES

Emperor. Dwarf growing; very brittle and of extra fine flavor; a good winter keeper. Pkt., 10c.; 35c. per ½ oz.; oz., 60c.; $1.75 per ¼ lb.



Giant Pascal Celery

Giant Pascal. This is in its prime for use during February and March, and can be used well up into spring. Pkt., 10c.; 25c. per ½ oz.; oz., 40c.; $1.35 per ¼ lb.

Winter King. Perfectly solid, crisp and of delicious flavor; good keeper. Pkt., 10c.; 25c. per ½ oz.; oz., 40c.; $1.25 per ¼ lb.

Winter Queen. A medium tall, solid variety; will retain its qualities long through the winter. The heart is very full and large. Pkt., 10c.; 25c. per ½ oz.; oz., 40c.; $1.25 per ¼ lb.

CELERY PLANTS (Ready in July)

Leading varieties. Per 100, 75c. (by parcel post, 90c.); $6.00 per 1000.

CELERY FOR FLAVORING (Not for Sowing)

15c. per oz.; ¼ lb., 45c.; $1.25 per lb.

CELERY PAPER

For winter protection; 500 sq. ft. per roll. Price, $2.00 per roll.

CELERY TAPE

Fast red, in 1000-yard spools, $4.50 per spool (by parcel post, $4.65).
Green, in 1000-yard spools, $4.00 per spool (by parcel post, $4.15).

CELERIAC

This vegetable is used for two purposes; the leaves are cut when young and used to flavor soups and meats; the roots are boiled, sliced, cooled, and served as a salad.

Giant Prague. Pkt.. 10c.; 25c. per ½ oz.; oz., 40c.; $1.25 per ¼ lb.

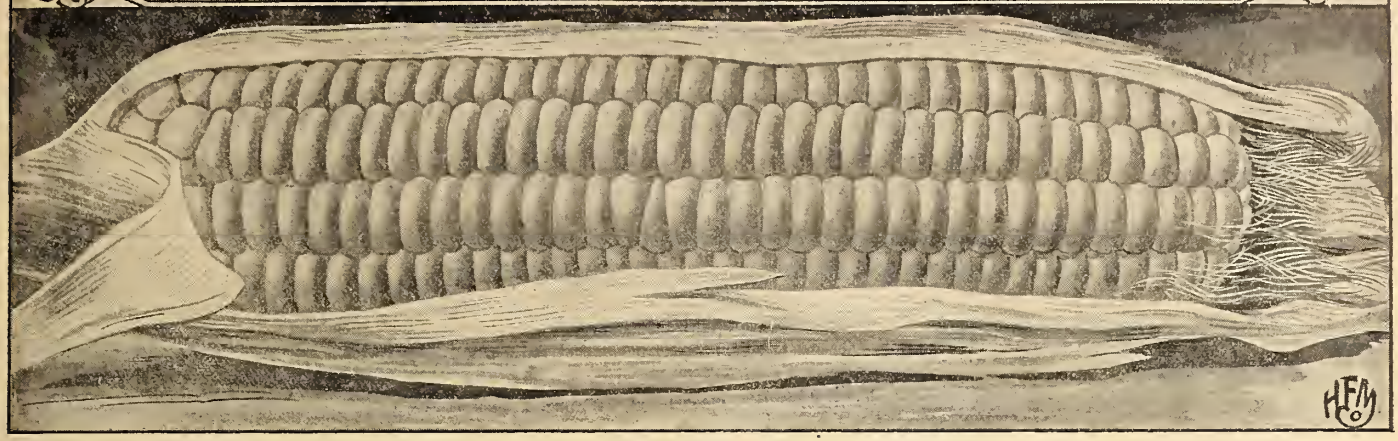
CORN SALAD (Fetticus)

Mache Ronde (Fr.); Ackersalat (Ger.).

This is principally sown for a supply of greens during winter and early spring months. Sow thinly in drills early in the spring or during August and September, when cold weather approaches, cover with a litter of leaves or long manure or straw, and upon approach of spring the covering can be taken off entirely.

Large Leaved, Round Seeded. Pkt., 10c.; 25c. per oz.; ¼ lb., 60c.; $2.00 per lb.





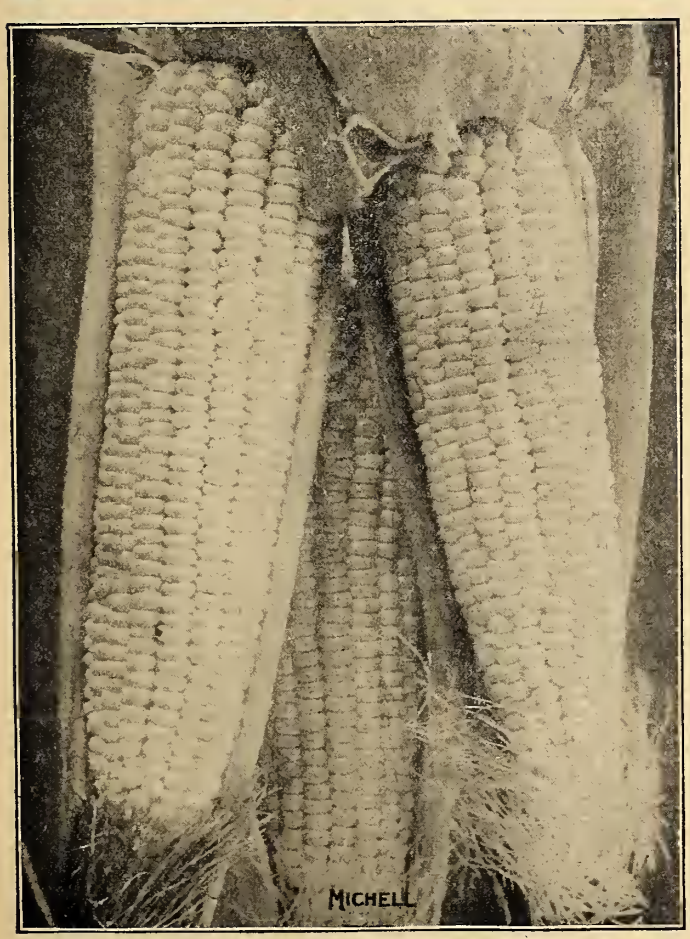
Golden Bantam

Mais (Fr.); Welschkorn (Ger.); Grano Turco (Ital.)
1 lb. will plant about 150 hills; 12 to 15 lbs. will plant an acre.

Plant once a week from the time the ground is permanently warm until July 15th, 6 to 8 grains, in hills three feet apart each way, or in rows three feet apart; if the latter, thin out so the plants stand 12 inches apart; if left in hills, thin out when 4 inches high to 3 to 4 plants to the hill. Early varieties should be planted for a late crop to be sure of maturity.

If Sugar Corn is wanted by Parcel Post, add for postage as follows: 10c. for ½ lb.; 10c. for 1 lb.; 15c. for 2 lbs.; 20c. for 5 lbs.; 30c. for 10 lbs.; larger quantities by express or freight.

PLEASE NOTE.—Only varieties of Sugar Corn marked * can be supplied in ½ lb. packages.



Howling Mob

Adams Extra Early. Pure white medium sized ears, not entirely sweet. Pkt., 10c.; 30c. per lb.; 2 lbs., 55c.; $1.05 per 5 lbs.; 10 lbs., $1.80; $4.00 per 25 lbs.

Bantam Evergreen. A yellow variety noted for its excellent qualities; much larger than Golden Bantam and claimed to be more productive and much earlier; a splendid variety for mid and late season planting. Pkt., 10c.; 35c. per lb.; 2 lbs., 65c.; $1.50 per 5 lbs.; 10 lbs., $2.80; $6.50 per 25 lbs.

Early Evergreen. This variety is closely allied to Stowell's in shape, flavor and style, but is much earlier; produces large well-shaped ears, with deep grains. Pkt., 10c.; 35c. per lb.; 2 lbs., 65c.; $1.35 per 5 lbs.; 10 lbs., $2.40; $5.50 per 25 lbs.

Early Mayflower. Slightly earlier than Golden Bantam; ears long and well filled for an early corn; grains tender and of excellent flavor. Pkt., 10c.; 35c. per lb.; 2 lbs., 65c.; $1.40 per 5 lbs.; 10 lbs., $2.50; $5.75 per 25 lbs.

***Golden Bantam.** While yellow in color this is one of the sweetest and earliest varieties. Ears medium size; kernels tender and delicious; plant is of dwarf growth; we recommend it very highly for the home garden. Pkt., 10c.; 25c. per ½ lb.; 35c. per lb.; 65c. per 2 lbs.; 5 lbs., $1.50; $2.70 per 10 lbs.; 25 lbs., $6.25.

Golden Cream. A cross between Country Gentleman and Golden Bantam and combines the excellent qualities of both. When ready is a very light yellow; after being cooked it turns darker. Pkt., 10c.; 35c. per lb.; 2 lbs., 65c.; $1.40 per 5 lbs.; 10 lbs., $2.50; $5.75 per 25 lbs.

***Golden Giant.** Ears about 11 inches long, well filled out from butt to tip and very symmetrical. Deep golden yellow grains; stalk much larger than Golden Bantam. Pkt., 10c.; 25c. per ½ lb.; lb., 35c.; 65c. per 2 lbs.; 5 lbs., $1.40; $2.50 per 10 lbs.; 25 lbs., $5.75.

Howling Mob. A splendid sort for the market gardener, as well as for home use. Might be classed worm-proof, since the husk covers the ear completely and in a tight fashion. Pkt., 10c.; 35c. per lb.; 2 lbs., 65c.; $1.40 per 5 lbs.; 10 lbs., $2.50; $5.75 per 25 lbs.

Ideal. An exceedingly early and large yielder. This variety is not very sweet but is classed as a table corn. Pkt., 10c.; 30c. per lb.; 2 lbs., 55c.; $1.20 per 5 lbs.; 10 lbs., $2.10; $4.75 per 25 lbs.

Kendel's Early Giant. Large ears, deep grain, well flavored and extra sweet; ears very cylindrical. An ideal sort for the first and last planting. Pkt., 10c.; 35c. per lb.; 2 lbs., 65c.; $1.40 per 5 lbs.; 10 lbs., $2.40; $5.50 per 25 lbs.

***Stabler's Extra Early.** This is the standard sort for the home garden. The large ears are well arrayed with even grains, which cook pure white and are very tender. Pkt., 10c.; 25c. per ½ lb.; lb., 35c.; 65c. per 2 lbs., 5 lbs., $1.35; $2.40 per 10 lbs.; 25 lbs., $5.50.

For Field Corn, see page 79.

MICHELL'S SELECTED SUGAR CORN

If Sugar Corn is wanted by Parcel Post, add for postage as follows: 10c. for ½ lb.; 10c. for 1 lb.; 15c. for 2 lbs.; 20c. for 5 lbs.; 30c. for 10 lbs.; larger quantities by express or freight.

Only varieties of Sugar Corn marked * can be supplied in ½ lb. packages.

MEDIUM OR LATE VARIETIES

Black Mexican. A medium late variety; while the grains are young they cook white, as they become older it cooks a violet shade on the outside, but in either stage of growth it is desirable. The ears are medium sized and are produced abundantly. Pkt., 10c.; 35c. per lb.; 2 lbs., 65c.; $1.35 per 5 lbs.; 10 lbs., $2.40; $5.50 per 25 lbs.

***Country Gentleman.** A distinct sort, with deep, fine grains which are staged irregularly on the cob. In sweetness it is unapproached; ears large and borne on stalks about 6 feet high; a very productive and desirable variety. Pkt., 10c.; 25c. per ½ lb.; lb., 35c.; 2 lbs., 65c.; $1.35 per 5 lbs.; 10 lbs., $2.40; $5.50 per 25 lbs.

Late Mammoth. Gigantic ears of extra fine quality, produced in great quantity. The latest maturing and largest of all sweet corns. Pkt., 10c.; 35c. per lb.; 2 lbs., 65c.; $1.35 per 5 lbs.; 10 lbs., $2.40; $5.50 per 25 lbs.

FOR FIELD CORN, see page 79

Little Gem or Shoe Peg (*Ne Plus Ultra*). This variety is closely allied to Country Gentleman. Pkt., 10c.; 35c. per lb.; 2 lbs., 65c.; $1.35 per 5 lbs.; 10 lbs., $2.40; $5.50 per 25 lbs.

Michell's Delicious. Ever since we acquired control of this variety we have placed it with our best sugar corn grower with instructions to grow it for us exclusively and keep re-selecting it. The ears are well filled, medium in size and mature after the early varieties. Pkt., 10c.; 35c. per lb.; 2 lbs., 65c.; $1.35 per 5 lbs.; 10 lbs., $2.40; $5.50 per 25 lbs.

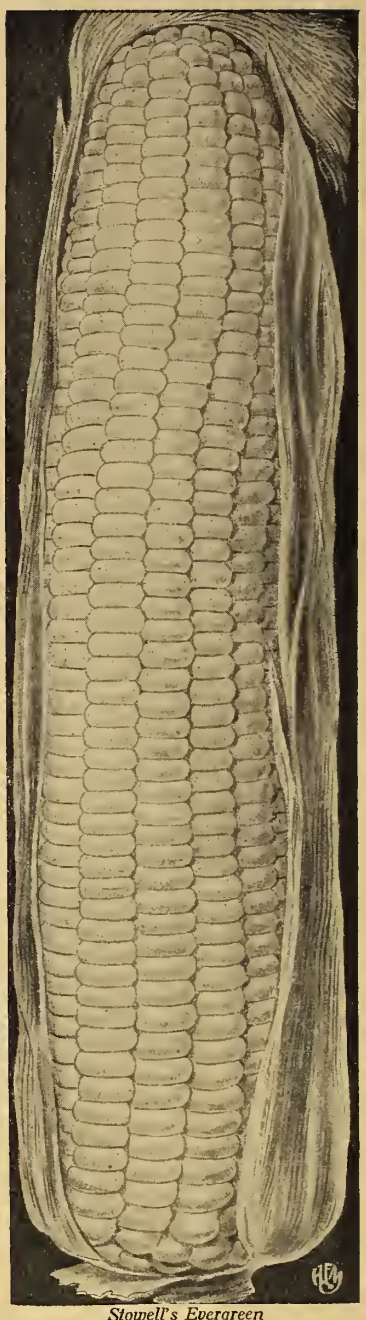
***Stowell's Evergreen.** The best late corn grown. The ears are extra large, and produced in great abundance; stalks often grow to a height of 7 feet. In sweetness it is unexcelled and for this reason it is the great favorite of the market and home gardener. Pkt., 10c.; 25c. per ½ lb.; lb., 35c.; 65c. per 2 lbs.; 5 lbs., $1.35; $2.40 per 10 lbs.; 25 lbs., $5.50.

Sugar Kernel. A splendid variety, ripening medium early and yet desirable for late maturity; ears cylindrical, of medium size; excellent quality. Pkt., 10c.; 35c. per lb.; 2 lbs., 65c.; $1.40 per 5 lbs.; 10 lbs., $2.50; $5.75 per 25 lbs.

Popular Collection—Choicest Sugar Corn

Early Mayflower.—Early. **Sugar Kernel.**—Medium.
Stowell's Evergreen.—Late.

For prices, see page 45.



Stowell's Evergreen

POP CORN (Shelled)

There is hardly a home in this vast country where the popping of corn is not considered an excellent pastime during the long, dreary evenings of winter. When popped, buttered and sugared it is not only delicious, but healthful. Not all popcorn is in the right condition for popping. What we offer, however, can be relied upon for planting and popping.

Queen's Golden. Pops white. Lb., 15c. (by parcel post, 25c.); 40c. for 3 lbs. (by parcel post, 55c.).

White Rice. Lb., 15c. (by parcel post, 25c.); 40c. for 3 lbs. (by parcel post, 55c.).

CORN POPPERS

Made of the best quality wire. Price includes handle and lid. 1 qt. size, 25c. each; 2 qt. size, 35c. each.



Water Cress

GARDEN CRESS

Sow thickly in early spring in drills one foot apart and follow every two weeks, up to August 1st, with a new sowing. Its pungent taste is acceptable to most any one who is fond of garden greens. It is eaten prepared with either a little salt and vinegar, or without. Makes a very tasty salad.

Extra Curled. Pkt., 10c.; 20c. per oz.; 40c. per ¼ lb.; lb., $1.00.

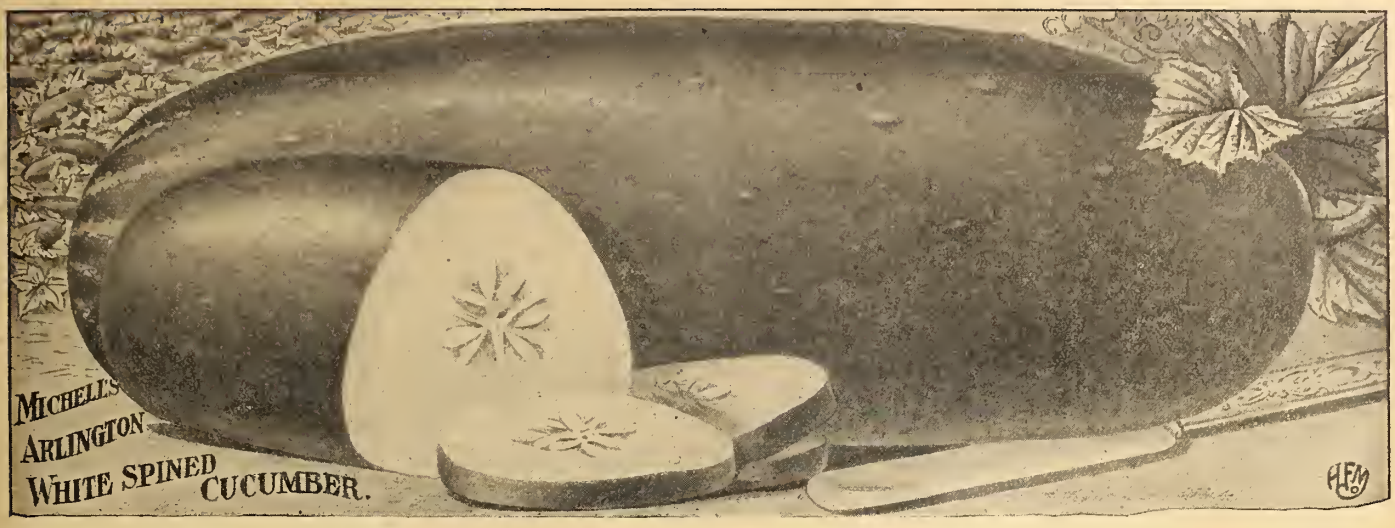
WATER CRESS

This may be sown early in spring near the brink of a pond of spring water or piece of running water. Scatter the seed and it will sprout and grow with wondrous rapidity; once established it remains for years, reseeding itself.

True Erfurt. Pkt., 10c.; 25c. per ½ oz.; oz., 40c.; $1.25 per ¼ lb.



Garden Cress



Concombre (Fr.); Gurken (Ger.); Cetriolo (Ital.). One ounce of seed will plant 60 hills; 2 to 3 pounds per acre.

Plant when the ground has become thoroughly warmed, in hills 4 feet each way, 8 seeds in a hill; when the second set of leaves have formed thin out to 4 plants in a hill. A type of beetle attacks this crop occasionally, which can be conquered by spraying the vines with Pyrox or Arsenate of Lead; when this is used always wash the fruits thoroughly before using. If the foliage is attacked beneath, by aphis or green fly, a spraying with Black leaf 40 is usually very effective.

Arlington White Spine. This variety is absolutely perfect in form, color, size and productiveness and is therefore the leading sort, not only for the home or market garden, but also with those who make a specialty of growing them under glass. The fruit is smooth, deep green to the tip and measures uniformly 8 inches in length. It has few seeds, making it a valuable variety for slicing or pickling. Pkt., 10c.; 20c. per oz.; ¼ lb., 50c.

Davis Perfect. The fruits are uniform in shape and size, often measuring 10 to 12 inches in length. Color is dark green all over, quite smooth and very productive. Pkt., 10c.; 25c. per oz.; ¼ lb., 65c.

Early Fortune. One of the finest cucumbers of the White Spine type; medium length and dark green in color, which it holds for a long time after picking; flesh white and very crisp. Pkt., 10c.; 25c. per oz.; ¼ lb., 60c.

Early Market. A new variety of uniform shape and size, averaging 8 inches in length, dark green; excellent for slicing. See illustration page 46A. Pkt., 10c.; 35c. per oz.; ¼ lb., 85c.

Evergreen. The name is derived from the feature of its dark green color-retaining qualities; thick fruits, measuring about 8 to 9 inches long. Pkt., 10c.; 20c. per oz.; ¼ lb., 50c.

Gherkin or Burr Cucumber. For pickling only; the small fruits are about 2 inches long, thick, rounded form; very prickly when green. Pkt., 10c.; 30c. per oz.; ¼ lb., 80c.



Cucumber, Improved Long Green

Improved Long Green. One of the long varieties, used principally for slicing. Its dark color makes it desirable for market. The vines are vigorous and productive; the fruits are formed almost as early as the short sorts and average 12 inches in length. Pkt., 10c.; 30c. per oz.; ¼ lb., 65c.

Japanese Climbing. A trellis variety used for shade as well as eating purposes. The vine is very ornamental and produces extra long light green fruits in abundance. Pkt., 10c.; 30c. per oz.; ¼ lb., 65c.

All seeds on this page mailed postage free at prices quoted.

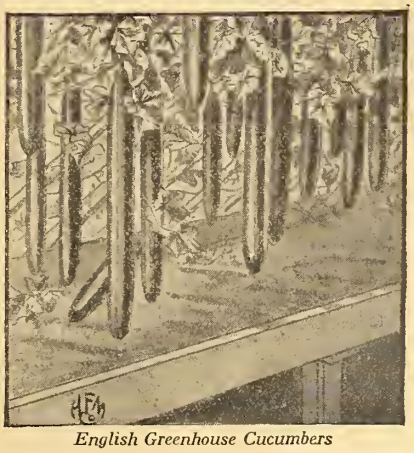


Cucumber, Jersey Pickle

Jersey Pickle or Green Prolific. This sort can be used for slicing, but is best for pickling on account of its size, which averages 5 inches in length; makes ideal "Dill Pickles" as sold extensively in the delicatessen stores. Pkt., 10c.; 25c. per oz.; ¼ lb., 60c.

ENGLISH CUCUMBERS

These are splendid for growing in hotbed frames during the summer months, in preference to the open garden ground. They can thus be started earlier and protected during cool nights, as they are more tender than the regular outdoor varieties. They may also be grown under glass in greenhouses during the winter, producing enormous fruits, generally 18 to 24 inches long and 3 inches in diameter. They have a delicate flavor and possess very few seeds; for slicing, no other sorts can approach them.



English Greenhouse Cucumbers

	Pkt. 12 Seeds	100 Seeds
Lockie's Perfection	$0.25	$2.25
Sion House	.25	2.25
Telegraph	.25	2.25
Tender and True	.25	2.25

MICHELL'S VEGETABLE SEEDS

All seeds on this page mailed postpaid to purchaser at prices quoted.

DANDELION

Pissenlit (Fr.); Loewenzahn (Ger.); Dente di leone (Ital.)

A valuable vegetable, grown in quantities for the New England markets where it is prized as the first spring greens. The leaves are boiled and served hot or cold; not alone is it appetizing, but very healthy. Seed should be sown in spring, thickly, in a bed in the garden, where the plants should remain for the season; late in the fall cover the bed with a movable sash, or leaves, or salt hay for protection.

Thick Leaved or Cabbaging. Pkt., 10c.; 50c. per ½ oz.; oz., 80c.; $2.60 per ¼ lb.

DILL (Herb)

Used extensively for culinary purposes and for putting with cucumbers when pickling, producing the famous "Dill Pickles." Pkt., 10c.; 20c. per oz.; ¼ lb., 60c.



Egg Plant, Black Beauty

EGG PLANT

Aubergine (Fr.); Eierpflanze (Ger.); Petonciano (Ital.)

One ounce will produce 1000 to 2000 plants.

Sow seed in March in hotbeds, and when 3 inches high transplant into boxes or small pots. Plant outdoors in May or June or after the weather has become permanently warm, in rows 3 feet apart, with the plants set 2 feet apart in the row.

Black Beauty. An extra early, large variety, almost black in color, very prolific and with few seeds. Pkt., 10c.; 35c. per ½ oz.; oz., 55c.; $1.60 per ¼ lb.

Michell's New York Improved. An old standard; quite large and more elongated than the Black Beauty, with a rich purple color. Pkt., 10c.; 35c. per ½ oz.; oz., 55c.; $1.60 per ¼ lb.

EGG PLANT PLANTS

(Ready May 15)

New York Improved and Black Beauty. Pot-grown. Per doz., $1.00; $7.00 per 100. Not mailable.



Endive, Broad Leaved Batavian

ENDIVE

Chircoree (Fr.); Endivien (Ger.); Indivia (Ital.)

One ounce will sow a row of 200 feet.

Sow from June to August in shallow drills and when 2 inches high thin out so the plants stand 10 inches apart. When fairly well developed, tie the plants together at the top to blanch the inner leaves; do not tie up when the leaves are wet. If the plants are protected they may be left outdoors till Christmas. If wanted for later use they may be lifted late in autumn and placed in a dry, cool cellar, covering the roots with soil.

Broad Leaved Batavian (*Escarolle*). Leaves broad, light green, nearly plain. Pkt., 10c.; 25c. per oz.; ¼ lb., 65c.

Giant Fringed (*Oyster Endive*). A variety with a large white heart and broad fringed leaves; heads measure 15 inches in diameter. Pkt., 10c.; 25c. per oz.; ¼ lb., 65c.

Improved Green Curled. An improvement over the common green variety, producing a larger head and thicker leaves. Pkt., 10c.; 25c. per oz.; ¼ lb., 65c.

White Curled (*Self-blanching*). This is the finest White Curled variety; always crisp and tender. Pkt., 10c.; 30c. per oz.; ¼ lb., 70c.

FENNEL (Herb)

Florence, or Rooted. Pkt., 10c.; 25c. per oz.; ¼ lb., 70c.

Sweet. Pkt., 10c.; 20c. per oz.; ¼ lb., 60c.

GARLIC SETS

Ail (Fr.); Knoblauch (Ger.); Aglio (Ital.)

One pound will plant 200 feet of drill.

A hardy flavoring onion, used extensively in the French method of cooking. This variety should not be compared with the common field sort. 30c. per lb. (by parcel post, 40c.); 5 lbs. for $1.40 (by parcel post, $1.60).

HERBS. Complete list on page 76.

SEMESAN

Seeds treated with Semesan produce more and finer vegetables.

All seeds offered on this page mailed at prices quoted.

HOP VINE

Besides being used in culinary and medicinal ways, this makes a valuable shade plant. Hardy and rarely winter kills. The hops are gathered about September and stored for use on a dry floor, or hung in bags.

Green Variety, Pot Grown Plants. 3 for $1.00. (by P. P., $1.15.); $3.00 per doz. (by P. P., $3.30); per 100, $18.00.

HORSERADISH ROOTS (Ready in March)

Set the roots in rows 2½ feet apart, 1½ feet apart in the row. Late in the fall lift as many roots as you think you will use, cut off the top and place them in a cool cellar, covered with soil or sand; grate as wanted. A bed once planted remains for years.

Maliner Kren. A quick-growing variety and far superior to the common variety. Large cuttings, 35c. per doz. (by parcel post, 45c.); per 100, $1.50 (by parcel post, $1.65); $10.00 per 1000.

KALE OR BORECOLE

Chou Vert (Fr.); Blatterkohl (Ger.); Cavolo Verde (Ital.).
One ounce will sow a drill 150 ft. long.

For early use it may be sown in May; when desired for winter use, sow in September, broadcast or in rows 2 ft. apart. Cover for protection against severe freezing and snow. Do not handle while in a frozen condition. One of the finest nutritious greens for winter and early spring use.

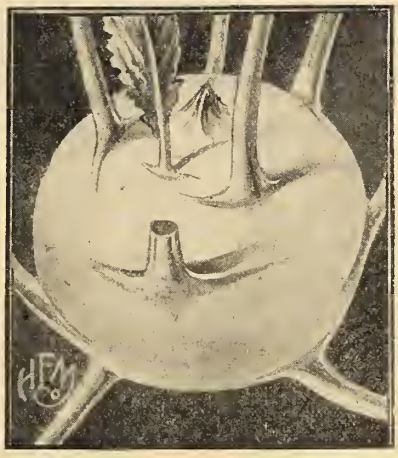
Dwarf Green Curled. Very dwarf and compact, rarely attaining a height of over 6 inches; color, dark green curly. Pkt., 10c.; 20c. per oz.; ¼ lb., 45c.; $1.25 per lb.

Imperial Long Standing. The outer edge of leaves are very crimpy, inside smooth, dark green in color with a bluish cast. It is just as hardy as any of the other sorts. Pkt., 10c.; 15c. per oz.; ¼ lb., 40c.; $1.10 per lb.

Siberian. A very hardy variety; leaves large and cook very tender. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

See pages 46 to 47 for Vegetable Seed Specialties.





Kohl-Rabi

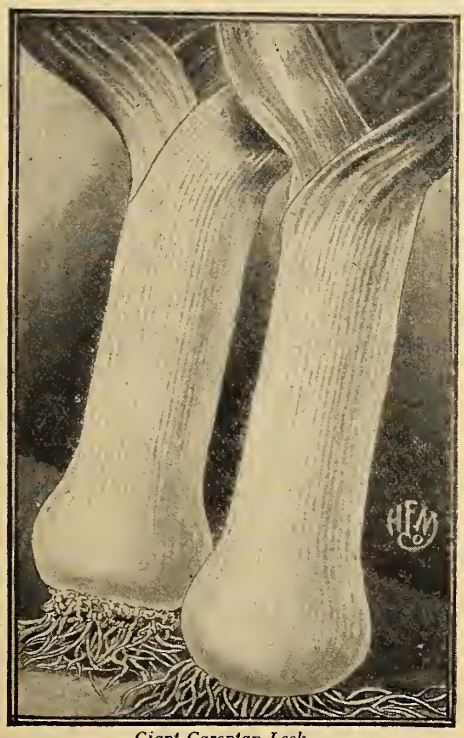
KOHL-RABI

Chou Rave (Fr.); Kohl Rabi (Ger.); Cavolo rapa (Ital.).
One ounce will sow about 200 feet of drill.

We would suggest to those who have not given this a trial that they do so. Sow seed in early spring in hotbeds or outdoors and transplant when 3 inches high, in rows 18 inches apart, 6 inches in the row. The edible part is the root, which grows above the ground; this should be used when it attains a size of 2½ inches in diameter or less; at this stage it is extremely tender and delicious, while if allowed to get larger it is woody. Prepared and served like turnips, except that a few of the bottom leaves can be cooked with the root.

Early White Vienna. This variety is suited for sowing under glass or for outdoors. The top is very short, thus allowing all the development to go to the root, insuring early maturity. Pkt., 10c.; 30c. per oz.; ¼ lb., 75c.

Purple Vienna. Flesh white, skin a bluish color. Principally used for outdoor sowing. Pkt., 10c.; 30c. per oz.; ¼ lb., 80c.



Giant Carentan Leek

LAVENDER (Herb)

Seed. Pkt., 10c.; 30c. per oz.

LAVENDER PLANTS

Pot Grown. 3 for $1.00. (by parcel post, $1.15.); $3.00 per doz.; per 100, $18.00.

LEEK

Poireau (Fr.); Lauch (Ger.); Porro (Ital.).
One ounce of seed will sow about 100 feet of drill.

Allied to the onion family but producing no bulb; the stalks are cut and used for flavoring soups; also they are boiled and served with melted butter, and make a very palatable dish on account of their mild flavor. Sow seeds in April in rows 1 foot apart, covering the seed about an inch; when about 4 inches high transplant where it is to develop, in rich soil in rows 18 inches apart 6 inches in the row. When fully grown, hill soil against them to blanch them; they may be kept all winter if dug up with the roots and stored in moist sand in the cellar.

American Flag. Popular for the home garden. Makes a longer but narrower stalk than others. Pkt., 10c.; 25c. per ½ oz.; oz., 35c.; 85c. per ¼ lb.

Giant Carentan. A variety which produces colossal stalks of tender quality; splendid for exhibition purposes. Pkt., 10c.; 25c. per ½ oz.; oz., 35c.; 85c. per ¼ lb.

MICHELL'S CHOICE STRAINS OF LETTUCE

All prices on this page include postage.

HEADING VARIETIES

Latue (Fr.); Lattich Salat (Ger.); Lattuga (Ital.)
One ounce of seed will produce about 2500 plants.

All Heart. An excellent lettuce for either spring or summer use. The head, while large, has a loose heart, which is of a decided buttery flavor; can be used for sowing in frames, or in spring and early summer outdoors. Pkt., 10c.; 25c. per oz.; ¼ lb., 60c.

All Right. A fine variety for an early spring crop in the hotbed or outdoors and for sowing in August for late autumn under sash or outside; it is not affected by cold, which, with some sorts turns them brown; on the other hand, this variety retains a rich green color. The heads are very large, often 12 inches in diameter, very solid and with a rich buttery heart of light yellow. Pkt., 10c.; 35c. per oz.; ¼ lb., 85c.

Big Boston. A large, flat, cabbage-headed variety; splendid for midsummer or fall use, or under glass in the early spring and autumn; a delightful shade of light green, tinged light brown on the outer leaves. Pkt., 10c.; 30c. per oz.; ¼ lb., 80c.

Boston Market (*White Seeded Tennisball*). Early, small heading variety; one of the best for forcing; the heart is very solid and crisp. Pkt., 10c.; 30c. per oz.; ¼ lb., 75c.

Davey's Improved Big Boston. This strain is superior to the usual strain of Big Boston; heads larger, more solid and of better flavor; excellent for under glass or for midsummer or fall outdoors. Pkt., 10c.; 35c. per oz.; ¼ lb., $1.00.

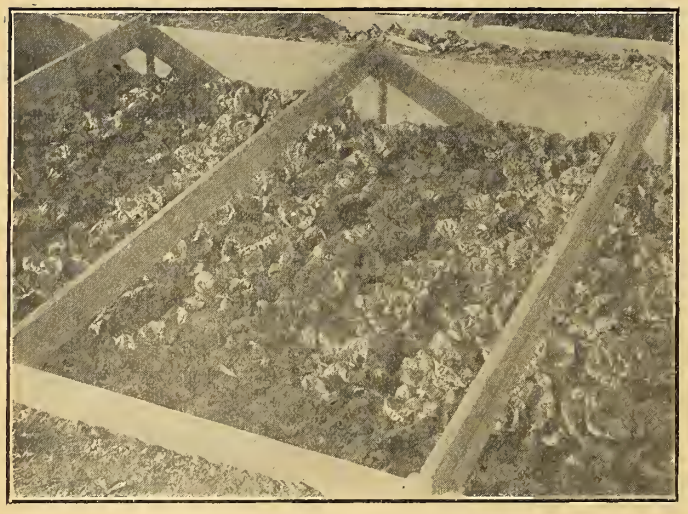
Dutch Butter. A medium-sized head; light green leaves, with delicate yellow heart. The outer leaves are tinged brown on the edges. Pkt., 10c.; 35c. per oz.; ¼ lb., $1.00.

Hanson Improved. Tremendous solid heads; the outer leaves are curled, the interior is almost white and very tender; resists the heat well, therefore excellent for summer use. Pkt., 10c.; 25c. per oz.; ¼ lb., 75c.

Iceberg. A splendid variety, producing large, solid cabbage-like heads; firm, crisp and of fine flavor; leaves curly, slightly tinged red. Pkt., 10c.; 30c. per oz.; ¼ lb., 85c.

Mammoth Salamander. One of the best midsummer varieties, resisting heat and drought, and remains in heading condition longer than many others. Pkt., 10c.; 25c. per oz.; ¼ lb., 75c.

May King. The first solid head lettuce to mature outdoors, hence its name; it is of good size, with tender, full heart. Suitable for sowing under sash in early spring. Pkt., 10c.; 25c. per oz.; ¼ lb., 75c.



A Frame of Michell's Number One Lettuce

Michell's Number One. This lettuce is a positive header under most trying conditions. It is tender, of a decided buttery flavor and unusually large. A valuable type for hot weather; also desirable for autumn use. Should not be used for forcing. Pkt., 10c.; 35c. per oz.; ¼ lb., 85c.

Testimonial

Strongsville, Ohio.

As soon as I got my seed from you, I began sowing it and must say it surely is good seed, shows close to 100% germination; there is no trick in raising plants if you start with good seed. I will need a lot of seeds and bulbs this year, so you can guess who will get the order. H. H.



New York or Wonderful Lettuce

New York or Wonderful. Of the cabbage-headed sorts this is a leader; color, dark green, with white interior; heads large, with curled outer leaves, a popular kind for summer. Pkt., 10c.; 35c. per oz.; ¼ lb., $1.00.

Prize Head. A splendid loosely-formed head, claimed to do well where all others fail; desirable for outdoor planting only; has a dark tinge on the outer leaves. Pkt., 10c.; 25c. per oz.; ¼ lb., 75c.

Unrivaled. Very large, light green and of a crisp nature; very desirable for summer use. Pkt., 10c.; 35c. per oz.; ¼ lb., $1.00.

Wayahead. The earliest hard heading lettuce in cultivation, doing well either under glass or in the open, in spring or autumn. Pkt., 10c.; 25c. per oz.; ¼ lb., 75c.

See pages 46 to 47 for Vegetable Seed Specialties.



Early Curled Simpson Lettuce (See next page)

MICHELL'S CHOICE STRAINS OF LETTUCE—Continued

LOOSE LEAF OR CUTTING VARIETIES

For early or midsummer use seed should be sown very thickly. When pulling the young plants try to do so with an effort to thin out the bed, thus allowing the remaining plants to become large. This class of lettuce is always tender.

Black Seeded Simpson. Ideal for midsummer use, as it withstands the most trying conditions of heat and drought. When matured, presents a formidable loose head with finely fringed leaves. Pkt., 10c.; 35c. per oz.; ¼ lb., 75c.

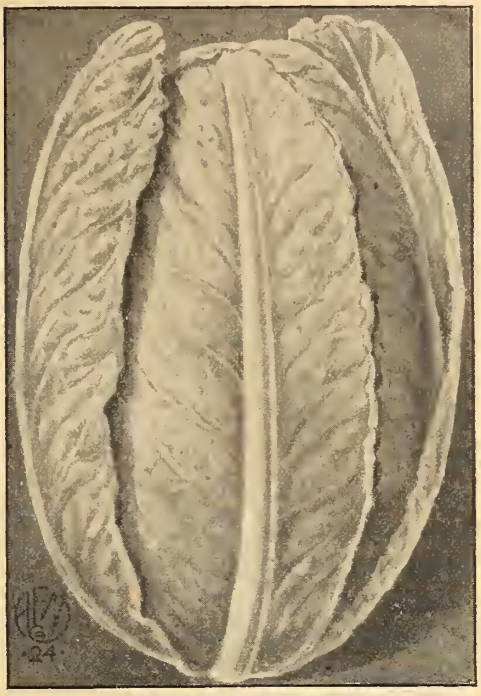
Early Curled Simpson (*see illustration, page* 62). A splendid curly-leaved sort; loose heads and very tender. Pkt., 10c.; 35c. per oz.; ¼ lb., 75c.



Lettuce, Grand Rapids

Grand Rapids. The leading variety in this class for forcing under glass, but it may also be grown successfully outdoors. The leaves are very curly, crisp and brittle and have a palatable flavor. Pkt., 10c.; 25c. per oz.; ¼ lb., 75c.

Silesian. This variety should be cut instead of pulled, as it makes new growth from the same root. A light green color, and when given plenty of room will form a large loose head. Pkt., 10c.; 35c. per oz.; ¼ lb., 75c.



Lettuce, Kingsholm Cos

COS, ROMAINE OR CELERY LETTUCE

Of French origin, this type, as will be seen by the illustration, differs greatly from the American varieties by its peculiar upright growth. To have it tender the heads must be tied together at the top so that the inner leaves blanch; it has a decided flavor. It is best adapted to outdoor planting and stands the heat well.

Kingsholm Cos. The largest and best heading variety of this type. The inner leaves blanch almost pure white and have little or no rib, the heads are very full throughout and therefore contain more edible part. Pkt., 10c.; 25c. per oz.; ¼ lb., 75c.

LETTUCE PLANTS

We can supply these (at all seasons) in heading varieties only, of our selection. 25 for 25c. (by parcel post, 40c.); 75c. per 100 (by parcel post, 95c.); per 1000, $6.00.

ALL SEEDS offered on this page mailed at quoted prices except Mangel-Wurzel.

MANGEL-WURZEL OR CATTLE BEETS

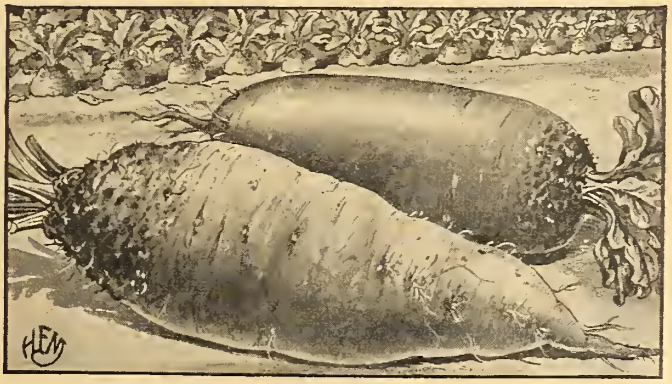
Seed selected from specimen roots

Sow 5 lbs. per acre in April and May in thoroughly plowed, well-manured soil, in drills about 24 inches apart. Thin out to 12 inches apart in the row and keep the weeds down by frequent hoeing and cultivating. Low ground is best adapted for Mangel-Wurzels. They provide excellent winter food for cattle, sheep, hogs and poultry.

Golden Tankard. The best long yellow mangel in cultivation. Matures earlier than other large sorts. 10c. per oz.; ¼ lb., 25c. 75c. per lb. (by parcel post, 85c.); $3.50 per 5 lbs. (by parcel post, $3.70).

Lane's Improved White Sugar. This variety attains an enormous size, growing considerably above the ground; one of the best for stock feeding. Contains a very high percentage of sugar content. 10c. per oz.; ¼ lb., 25c.; 75c. per lb. (by parcel post, 85c.); 5 lbs., $3.50 (by parcel post, $3.70).

Mammoth Long Red. This is an enormously productive variety, yielding from 50 to 75 tons to the acre, a single root often weighing from 20 to 40 pounds. It is the best long red mangel. 10c. per oz.; ¼ lb., 25c.; 75c. per lb. (by parcel post, 85c.); 5 lbs., $3.50 (by parcel post, $3.70).



Michell's Mammoth Long Red and Golden Tankard Mangels

See page 52 for Table Beets.

MICHELL'S MUSKMELON OR CANTALOUPE

Melon Muscade (Fr.); Melone (Ger.); Popone Melone (Ital.)
One ounce will plant about 50 hills; 2 to 3 lbs. are required for an acre.

All seeds on this page mailed postpaid at prices quoted.

While these do best to reach their greatest perfection in a light sandy loam, any good well-prepared garden soil suits them. Plant when the ground has become permanently warm in hills 6 feet apart each way, 8 to 10 seeds in a hill. After the second tier of leaves have formed, thin out to 4 plants in a hill. Watch carefully for insects of various kinds, especially the melon louse that works under the leaf and shrivels it, causing the plant to die. To fight this successfully, raise up the vines and spray underneath with Pyrox, Arsenate of Lead, or some of the various Nikoteen preparations.

Delicious Gold Lined. Flesh thick, fine grained and sweet; color green, with a gold margin next to the seed cavity; slightly oval and heavily netted. Pkt., 10c.; 30c. per oz.; ¼ lb., 75c.

Emerald Gem. Flat shape; the flesh, which is thicker than any other melon of the same shape, is a rich salmon shade and ripens extremely close to the rind. It is exceedingly sweet. Pkt., 10c.; 25c. per oz.; ¼ lb., 60c.



Fordhook Muskmelon

Fordhook. Of flat shape like Emerald Gem, on which it is an improvement. The flesh is a beautiful salmon orange, very sweet. The fruits are large, often weighing 2 lbs. each; an early variety, and very prolific. The netted rind is very thin and the melon can be eaten very close thereto. Pkt., 10c.; 25c. per oz.; ¼ lb., 60c.

Hearts of Gold. A splendid mid-season variety; fruit round, distinctly ribbed; flesh which is a deep salmon color, is thick and can be eaten very close to the rind, excellent flavor. Pkt., 10c.; 25c. per oz.; ¼ lb., 60c.

Honey Dew. A late maturer; large in size, being 6 inches in diameter and from 7 to 8 inches long. The skin is smooth with an occasional net and creamy white. The thick flesh is emerald green, melting, and of a wonderfully delicious flavor, sweet as honey. The ripe melons can be kept in a suitable place for several weeks before using. Pkt., 10c.; 25c. per oz.; ¼ lb., 75c.

Jenny Lind. A small, flat, very early sort; heavily netted and ribbed; green flesh; a good home garden melon; edible in about 87 days from time of planting. Pkt., 10c.; 25c. per oz.; ¼ lb., 60c.

Michell's Delicious. This deservedly enjoys a good name, large in size, often weighing 15 to 20 lbs. The flesh is very deep orange-salmon and of splendid quality. See illustration on page 46A. Pkt., 15c.; 35c. per ½ oz.; 60c. per oz.; per ¼ lb., $2.00.



Rockyford Muskmelon

Rockyford. A medium early variety, suitable for growing in all sections; the fruit is oval in shape and covered with a fine netting; flesh green, very sweet and highly flavored. Pkt., 10c.; 25c. per oz.; ¼ lb., 60c.

FORCING MELONS (English Varieties)

Forcing melons can be grown successfully outside in hotbeds. Sow seed in pots in March and transplant to hotbed when three leaves have developed; these will ripen fruit in June and July. For indoor use treat same as forcing cucumber.

Blenheim Orange, Invincible Scarlet, Windsor Castle. Each variety per pkt., 25c.; 65c. per 3 pkts.

Sutton's A1. In original packets, $1.25 per pkt.

MELON NETS. For supporting forcing melons in greenhouses; made very strong; will last for a number of crops. $2.50 per doz.; per 100, $18.00.



MARTYNIA (Unicorn Plant)

A bushy plant growing 2 feet in height, bearing clusters of pink flowers resembling gloxinias, which afterwards turn to long green pods, which when picked may be pickled the same as cucumbers, making a very tasty relish. Sow seeds in April outdoors and transplant so the plants stand 2 feet apart each way.

Proboscidea. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.

MICHELL'S CHOICE STRAIN WATERMELON

Melon d'eau (Fr.); Wasser Melone (Ger.); Melone d'aqua (Ital.)

One ounce will plant 30 hills, four pounds are required for an acre.

Plant in hills 10 feet apart each way or in drills 10 feet apart, dropping one seed every 3 feet. A little land plaster dusted over the young plants will keep beetles away. Watermelons should not be planted until after the soil has become thoroughly warm. Our list of watermelons is limited, as we offer only the varieties which from experience we know are the better ones.

Dixie. This is an old-time favorite, roundish-long in shape. The skin is dark green, mottled light; the flesh is very sweet and ripens close to the rind. Pkt., 10c.; 20c. per oz.; ¼ lb., 45c.

Halbert Honey. The long fruits with blunt ends are very large often weighing 50 lbs.; the rind is very thin, dark green, while the flesh is a rich crimson and very sweet. It is very prolific and is altogether a first-rater. Pkt., 10c.; 20c. per oz.; ¼ lb., 45c.



Watermelon, Harris' Earliest

Harris' Earliest. Ripens very early and is one of the best on this account to raise in the northern states. Fruit oblong and marbled with light and dark green; flesh bright red and of good quality. Pkt., 10c.; 20c. per oz.; ¼ lb., 45c.

All seeds (not plants) on this page sent postpaid at prices quoted.



Watermelon, Kleckley Sweets

Kleckley Sweets. A sweet one, to be sure, with a luscious tenderness all its own. It is not a shipping variety, as the rind is too close to the ripe, fluffy, rich red meat, when in condition to use. The melons average about 20 inches long and ripen quite early. Pkt., 10c.; 20c. per oz.; ¼ lb., 45c.

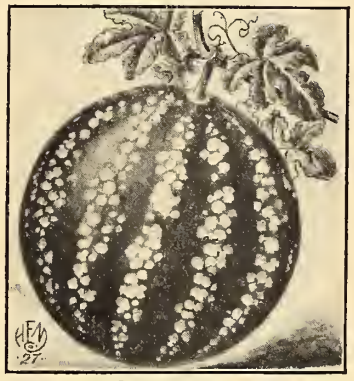
Tom Watson. A very handsome large fruit, frequently 2 feet long and 12 inches in diameter. The dark green rind is a contrast to the bright scarlet flesh, which is of splendid texture and flavor; the sugary meat really melts in your mouth. Nothing can touch it in the melon line for shipping qualities. The rind being tough, it will resist plenty of abuse. Pkt., 10c.; 20c. per oz.; ¼ lb., 45c.

Watermelon seed for medicinal purposes, 30c. per lb.

PRESERVING MELON OR CITRON

A large-fruited variety; pure white flesh and thin rind. This is expensive when bought, yet can be grown and preserved by any energetic housewife, who will then also know it to be absolutely pure and good. It is planted like watermelon.

California Red Seeded. Pkt., 10c.; 15c. per oz.; ¼ lb., 40c.



Preserving Citron

MINT (Herb)

Pkt., 25c.; 65c. for 3 pkts.

MINT PLANTS (Pot Grown)

Spearmint. 3 for 75c. (by parcel post, 90c.); doz., $2.50 (by parcel post, $2.70); $15.00 per 100.
Peppermint. 3 for 75c. (by parcel post, 90c.); doz., $2.50 (by parcel post, $2.70); $15.00 per 100.

MUSTARD

One ounce will sow a row 75 feet long.

Makes a delicious green salad, pungent in taste, highly palatable and healthy. Sow every two weeks in rows the same as spinach. Fine winter greens if sown in a heated frame or greenhouse, also fine if served with lettuce for flavoring. If the plant is allowed to stand, the seed can be harvested and used for other culinary purposes.

Southern Giant Curled. The best of the curled mustards; sweet flavor; matures very early and produces abundant foliage. Pkt., 10c.; 20c. per oz.; ¼ lb., 40c.; $1.00 per lb.

White or Yellow. Small, smooth, deeply serrated leaves which are tender and mild in flavor; plant is of upright habit. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; 85c. per lb.

Seeds treated with **Semesan** produce more and finer vegetables.



Mustard, Southern Giant Curled



PURE SPORE CULTURE SPAWN

A fine crop of mushrooms can be secured with very little labor or expense, provided a suitable location can be obtained. Cellars, greenhouses and sheds can be used for their culture. We are now offering our customers spawn that is made in quart milk jars under absolutely sterile conditions, so that every mould, weed seed or insect is destroyed and each bottle contains nothing but the pure spawn. One carton of the spawn equals 5 bricks of ordinary spawn and is sufficient to spawn about 40 square feet. The sterile spawn is dried thoroughly and each piece wrapped in tissue paper, which contains full instructions, not only as to how the spawn should be used, but full particulars about growing mushrooms. Any one can order spawn and with it get the necessary knowledge to make growing entirely successful.

PRICES

Per carton	$1.00	25 cartons	$21.25
12 cartons	10.75	60 cartons	48.00

If wanted by P. P., allow 10c. per carton for postage.

PURE CULTURE BRICK SPAWN

A crop is produced with good spawn, and a little care and patience in about 5 to 10 weeks, and continues bearing about two months. New beds can be started at intervals which will give a supply the entire season. The first planting can be made in July, the last in March. Ask for our Free Leaflet on Mushroom Culture One brick will spawn 8 to 10 sq. ft.

Direct No. 8. Cream White. For use from April to October.
Direct No. 9. Pure White. For use from October to April.

Per brick	$0.35	Per 10 bricks	$2.75
Per 5 bricks	1.50	Per 25 bricks	6.50
Per 50 bricks	$12.50		

If wanted by P. P., allow for postage at the rate of 10c. per brick; 20c. per 5 bricks; 30c. per 10 bricks.

MUSHROOM OR HOTBED THERMOMETERS

No. 20450. Iron Point, oxidized finish. Price, $2.25 (by parcel post, $2.45).

Thermometers should, wherever possible, be sent by express. We do not guarantee safe arrival if forwarded by parcel post.

BOOKS ON GROWING MUSHROOMS

Mushroom Culture (*Duggar*). 260 pages $2.00
Mushrooms, How to Grow (*Falconer*). 169 pages 1.60

OKRA OR GUMBO

[Gombo (Fr.); Ocher (Ger.); Ocra (Ital.)

One oz. will sow a row about 100 feet long.

The seed is sown in rows, thickly, like peas (in ground that is rich), after the frost and cold have disappeared, the rows, 3 feet apart; when about 6 inches high the plants should be thinned out to stand 12 inches apart in the row. The pod is used when young and tender, sliced in soups and stews; what is not utilized during the summer may be harvested, cut in slices and dried in the sun, and put away for use during the winter. In this way one may have Chicken Gumbo soup any day of the year.



Perkin's Long Pod A dwarf type, setting pods when the plants are only a foot high; can be planted somewhat earlier than other sorts. The pods are exceedingly long and tender and of a dark green color. Pkt., 10c.; 25c. per oz.; ¼ lb., 60c.

White Velvet or Creole. The pods of this variety are very free from ridges, being almost perfectly smooth; they are tender and very light green, almost white in color. Pkt., 10c.; 25c. per oz.; ¼ lb., 60c.

Prices quoted for Okra seed are postpaid.

ONION SETS

One quart will plant a row about 50 feet.

Plant just as soon as the ground can be worked. Press the bulb in the ground lightly (and do not cover), in rows 12 inches apart, 2 inches apart in the row; so that all the development goes in the onion, on signs of their going to seed, bend the top over, but do not break it off. They can be harvested in the locality of Philadelphia for winter storage as early as July 10th. The advantage in planting onion sets lies in the fact that the young onion is ready often in 5 weeks from the time of planting, while those grown from seed cannot be used until well in the autumn.

Shipped on Local Orders about March 10, unless otherwise requested.

If Onion Sets are wanted by parcel post, add 5c. per pt.; 10c. per qt.; 15c. per 4 qts.; 25c. per peck for postage.

	Pt.	Qt.	4 qts.	Peck
Yellow	$0.15	$0.25	$0.70	$1.10
White	.20	.30	.80	1.20
Red	.15	.25	.70	1.10
	Lb.	By P.P.	5 lbs.	By P.P.
White Multiplier	$0.30	$0.40	$1.40	$1.60
Potato Onions	.30	.40	1.40	1.60
Shallots	.30	.40	1.40	1.60
Garlic Sets	.30	.40	1.40	1.60

Tree or Top Onions. Ready latter part of August.

We give 32 lbs. per bushel on Onion Sets.

Prices quoted above are subject to market change.

Prices on larger quantities of Onion Sets will be quoted on request.

Ognon (Fr.); Zwiebel (Ger.); Cipolla (Ital.).

To grow full size onions, one ounce of seed will sow a 100 foot row; 5 to 6 pounds are required per acre. If it is desired to grow onion sets, sow 40 to 50 pounds per acre.

Sow in the early spring in rows 2 feet or less apart, according to cultivation method employed. The seed should be firmed in the soil. If it is desired to grow full size onions the first year, thin out when 3 inches high, so that they stand about 2 or 3 inches apart. White onions are mildest in flavor and are recommended for early use. The yellow sorts are best for winter keeping.

Ailsa Craig. The largest of all onions, often weighing three lbs. and over, each. Globe-shaped, slightly pointed at top and base; color a beautiful straw yellow. To obtain best results sow seed in hotbed and later transplant where they are to grow; in planting place 4 to 6 inches apart and thus procure gigantic specimens. Pkt., 10c.; 25c. per ½ oz.; oz., 40c.; $1.00 per ¼ lb.

Bermuda White. Although known as the Bermuda White it is a light yellow or straw color; early and if transplanted about 4 inches apart, will produce immense flat bulbs. In the raw state it is very mild, while when cooked, the flesh is tender and of a delicious flavor; an elegant variety for slicing. Pkt., 10c.; 25c. per ½ oz.; oz., 45c.; $1.40 per ¼ lb.

Danvers Yellow Globe. This almost round-shaped onion is extensively sown by the private and market gardener on account of its good keeping qualities. It is a dark straw color and always produces a good crop, growing to a large size. Pkt., 10c.; 25c. per ½ oz.; oz., 40c.; $1.00 per ¼ lb.



Onion, Ebenezer or Japanese

Ebenezer or Japanese. This is one of the mildest flavored varieties; similar in shape and size to the Danvers Yellow Globe; firm, solid and an excellent keeper. Pkt., 10c.; 25c. per ½ oz.; oz., 40c.; $1.20 per ¼ lb.

Large Red Wethersfield. A flat, large growing variety. Red onions are excellent winter keepers; flavor much like the yellow sorts; full-size onions can be grown in one season. Pkt., 10c.; 25c. per ½ oz.; oz., 40c.; $1.00 per ¼ lb.

Southport White Globe. A beautiful type of an almost round onion, growing to an enormous size. The flesh when cooked is of a rich milky color, of tender and delicious flavor and in the raw state it is one of the mildest. Pkt., 10c.; 30c. per ½ oz.; oz., 45c.; $1.30 per ¼ lb.

Southport Yellow Globe. Similar to the Danvers except larger in size, more like the Prizetaker. This is probably one of the most uniform growing varieties, every bulb being almost perfectly round and of the same size; light straw colored skin. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; $1.00 per ¼ lb.

White Barletta. An extra early small round variety, used principally for pickling, also for bunching. Pkt., 10c.; 25c. per ½ oz.; oz., 40c.; $1.25 per ¼ lb.

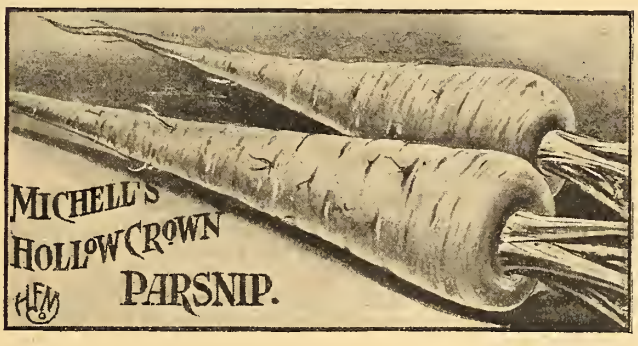


Onion, Prizetaker

Prizetaker. A mammoth yellow variety; if sown thinly it produces full-size onions in one season from seed, rivaling with the Bermuda varieties for size and flavor, often weighing 3 lbs. or more each. Pkt., 10c.; 25c. per ½ oz.; oz., 40c.; $1.00 per ¼ lb.

White Portugal or Silver Skin. The standard white onion for market or home use; mild flavor; semi-globe shaped and very uniform in growth and size. Pkt., 10c.; 30c. per ½ oz.; oz., 45c.; $1.25 per ¼ lb.

Yellow Strasburg or Dutch. A dark straw color skinned sort; almost flat in shape, but a large onion. Its fine keeping qualities is what recommends itself to the home, as well as the market gardener. For a yellow sort it is rather mildly flavored; for growing sets, more of this variety is sold than any other. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; $1.00 per ¼ lb.



PARSNIP

Panais (Fr.); Pastinake (Ger.); Pastinaca (Ital.).

One ounce will sow a row 150 feet long; 5 lbs. per acre.

Sow early in spring in drills about 24 inches apart, covering the seed slightly; when plants are 2 or 3 inches high, thin out so the roots will develop; cultivate well during the growing season.

Improved Sugar or Hollow Crown. A very thick, broad-topped root, which makes it lift easily. Flesh is very fine grained and sweet, while the outer surface is smooth and almost white. Pkt., 10c.; 20c. per oz.; ¼ lb., 45c.; $1.25 per lb.

MICHELL'S CHOICE GARDEN PEAS

Pois (Fr.); Erbsen(Ger.); Pisello (Ital.). 2 lbs. will plant 100 ft. of row; 90 to 120 lbs. per acre.

The smooth-seeded varieties may be sown as soon as the ground can be worked; the wrinkled sorts when the ground has become warmer. The distance apart for planting depends somewhat on the variety. To have a continuous crop, sow weekly up to June 15th, and a final planting again about August 15th. For the last planting use the dwarf early varieties.

If Peas are wanted by Parcel Post, add for postage as follows: 10c. for ½ lb.; 10c. for 1 lb.; 15c. for 2 lbs.; 20c. for 5 lbs.; 30c. for 10 lbs.; larger quantities by express or freight.



Peas, Dandy Extra Early

EXTRA EARLY VARIETIES

Alaska. Smooth seeded; very early; height 2½ feet. Pkt., 10c.; 35c. per lb.; 2 lbs., 65c.; $1.35 per 5 lbs.; 10 lbs., $2.30; $5.25 per 25 lbs.

Dandy Extra Early. A selection of the Eureka, but far superior; smooth seeded; very prolific and desirable for the kitchen and market garden; height, 24 inches. Pkt., 10c.; 25c. per ½ lb. 35c. per lb.; 2 lbs., 65c.; $1.35 per 5 lbs.; 10 lbs., $2.40; $5.50 per 25 lbs.

Early June. A green seeded, smooth pea, desirable for first planting; height, 2½ feet. Pkt., 10c.; 35c. per lb.; 2 lbs., 65c.; $1.35 per 5 lbs.; 10 lbs., $2.40; $5.50 per 25 lbs.

Early Morn. One of the earliest wrinkled peas. Pods large and well filled; very prolific; height, 3 feet. Pkt., 10c.; 35c. per lb.; 2 lbs., 65c.; $1.55 per 5 lbs.; 10 lbs., $2.80; $6.50 per 25 lbs.

Early Eight Weeks. A wrinkled variety, growing 12 to 15 inches high and commencing to bear 6½ weeks after planting; a heavy cropper and especially desirable where room is scarce. Pkt., 10c.; 25c. per ½ lb.; lb., 45c.; 85c. per 2 lbs.; 5 lbs., $1.65; $3.00 per 10 lbs.; 25 lbs., $7.00.

Gradus or Prosperity. Never was there a pea offered which is so largely demanded as this very early sort. It is exceedingly luscious, wrinkled and a producer of gigantic pods and peas; height, 36 inches. Pkt., 10c.; 40c. per lb.; 2 lbs., 75c.; $1.55 per 5 lbs.; 10 lbs., $2.80; $6.50 per 25 lbs.

Laxtonian. An extra fine early, dwarf sort; pods are large and well filled with peas of extra fine quality; height, 18 inches. Pkt., 10c.; 45c. per lb.; 2 lbs., 85c.; $1.75 per 5 lbs.; 10 lbs., $3.20; $7.50 per 25 lbs.



Peas, Little Marvel

Little Marvel. Wrinkled; dwarf, 18 to 20 inches; prolific and sweet. Pkt., 10c.; 40c. per lb.; 2 lbs., 75c.; $1.65 per 5 lbs.; 10 lbs., $3.00; $7.00 per 25 lbs.

Michell's Special Extra Early. Of the smooth seeded sorts this is the peer. Extremely early, lusciously sweet and very tender; a grand yielder; height, 24 inches. Pkt., 10c.; 35c. per lb.; 2 lbs., 65c.; $1.40 per 5 lbs.; 10 lbs., $2.50; $5.75 per 25 lbs.

Nott's Excelsior. A splendid early wrinkled pea, producing heavy crops of full pods very early. Height, 15 inches. Pkt., 10c.; 40c. per lb.; 2 lbs., 75c.; $1.55 per 5 lbs.; 10 lbs., $2.80; $6.50 per 25 lbs.

Sutton's Excelsior. This variety is quite hardy and can be planted earlier than most other wrinkled sorts; very early; long, broad pods, well filled; height, 16 inches. Pkt., 10c.; 35c. per lb.; 2 lbs., 65c.; $1.50 per 5 lbs.; 10 lbs., $2.80; $6.50 per 25 lbs.

The Pilot or Leader. Pods and peas are nearly as large as those of Gradus. It can be planted, of course, much earlier. The vines are of vigorous growth, 3 feet high and produce an abundance of pods. Pkt., 10c.; 35c. per lb.; 2 lbs., 65c.; $1.50 per 5 lbs.; 10 lbs., $2.70; $6.25 per 25 lbs.

Thos. Laxton. Heavy producer; wrinkled, exceedingly early; pods are large and filled with large peas of excellent flavor. Its heavy cropping qualities make it suitable for an early crop in the private garden; height 36 inches. Pkt., 10c.; 40c. per lb.; 2 lbs , 75c.; $1.60 per 5 lbs.; 10 lbs., $2.80; $6.50 per 25 lbs.

If Peas are wanted Parcel Post, add for postage as follows: 10c. for ½ lb.; 10c. for 1 lb.; 15c. for 2 lbs.; 20c. for 5 lbs.; 30c. for 10 lbs.; larger quantities by express or freight.

SECOND EARLY VARIETIES

Bliss Abundance. Produces very large pods containing six or more peas of a delicious flavor; wrinkled; height, 20 inches. Pkt. 10c.; 35c. per lb.; 2 lbs., 65c.; $1.45 per 5 lbs.; 10 lbs., $2.60; $6.00 per 25 lbs.

Daisy or Dwarf Telephone. One of the best medium early sorts; large pods, peas wrinkled and very sweet; height, 18 inches. Pkt., 10c.; 35c. per lb.; 2 lbs., 65c.; $1.55 per 5 lbs.; 10 lbs., $2.80; $6.50 per 25 lbs.

Potlatch. A wrinkled variety, similar to Daisy; sweet; pods well filled with peas; height, 18 inches. Pkt., 10c.; 40c. per lb.; 2 lbs., 75c.; $1.60 per 5 lbs.; 10 lbs., $1.45; $6.75 per 25 lbs.

GENERAL OR LATER CROP VARIETIES

Champion of England. A very tall, rank grower, but a wonderful yielder of delicious quality peas; seed wrinkled; height, 5 feet. Pkt., 10c.; 35c. per lb.; 2 lbs., 65c.; $1.40 per 5 lbs.; 10 lbs., $2.50; $5.75 per 25 lbs.

***Dwarf Champion.** Possesses most all the good qualities of the famous Champion of England, and has the further advantage of being dwarf; a very delicious pea which should be planted extensively; height, 2 feet. Pkt., 10c.; 25c. per ½ lb.; lb., 35c.; 65c. per 2 lbs.; 5 lbs., $1.45; $2.60 per 10 lbs.; 25 lbs., $6.00.

Long Island Mammoth. A very large podded semi-wrinkled variety; heavy yielder; height about 2½ feet. Pkt., 10c.; 35c. per lb.; 2 lbs., 65c.; $1.45 per 5 lbs.; 10 lbs., $2.60; $6.00 per 25 lbs.

Telephone (*Tall*). The finest late wrinkled pea grown; exceedingly sweet; an abundant producer; height, 3½ feet. Pkt., 10c.; 40c. per lb.; 2 lbs., 75c.; $1.60 per 5 lbs.; 10 lbs., $2.80; $6.50 per 25 lbs.

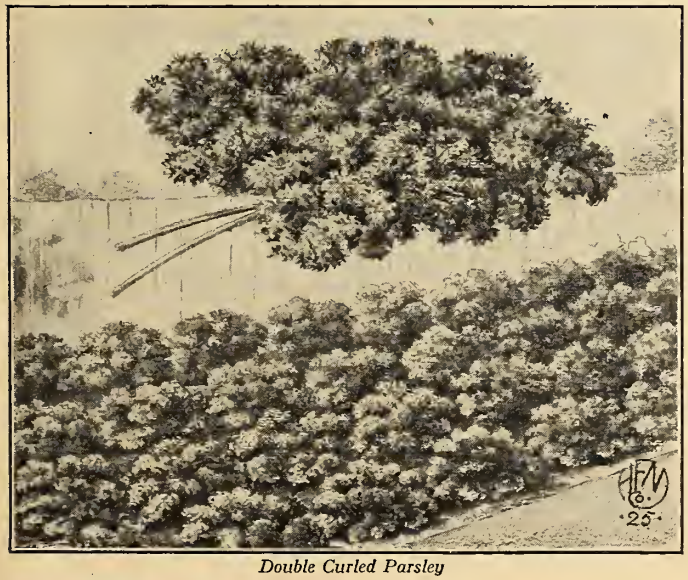
Yankee Prince. A large podded wrinkled sort; heavy yielder; pods often measure 6 inches in length; height, 4 feet. Pkt., 10c.; 40c. per lb.; 2 lbs., 75c.; $1.60 per 5 lbs.; 10 lbs., $2.80; $6.50 per 25 lbs.

SUGAR OR EDIBLE POD PEAS

This type produces large, well-filled pods. They are cooked with the peas intact; very tender and exceedingly sweet.

Dwarf Gray Sugar. Gray seed; height, 2 feet. Pkt., 10c.; 45c. per lb.; 2 lbs., 85c.; $1.65 per 5 lbs.; 10 lbs., $2.90; $6.75 per 25 lbs.

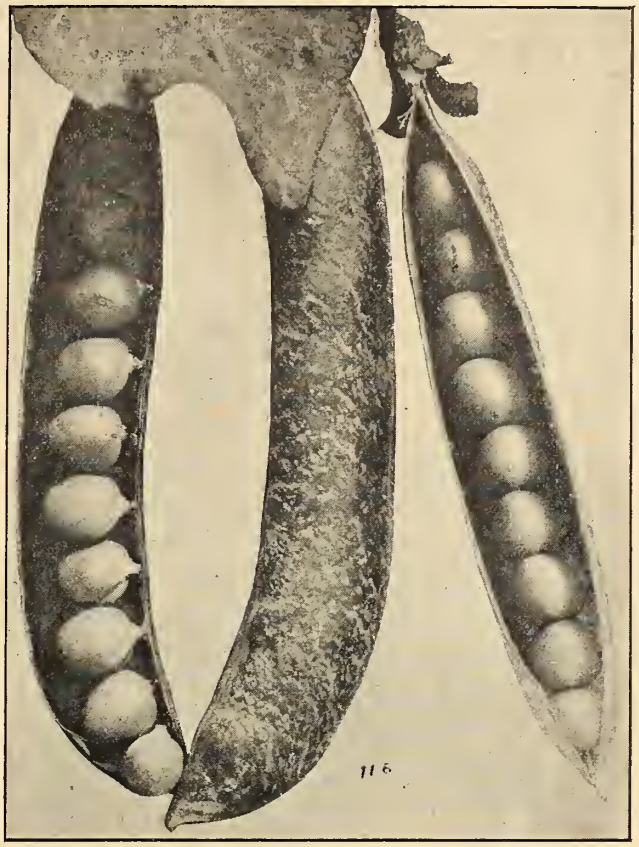
Tall Luscious Sugar. Gray seed; height, 4 feet. Pkt., 10c.; 50c. per lb.; 2 lbs., 95c.; $1.90 per 5 lbs.; 10 lbs., $3.40; $8.00 per 25 lbs.



Double Curled Parsley

PARSLEY PLANTS (Ready in April)

Large specimens; pot-grown ready for use. Per doz., $1.00; $7.00 per 100. Not mailable.



Tall Telephone Peas

PRIZE COLLECTION

The best selection of Garden Peas, which will give a continuous supply.

Dandy Extra Early **Little Marvel**
Dwarf Champion

For prices, see page 45.

NITROGEN BACTERIA FOR PEAS
See page 78.

PARSLEY

Persil (Fr.); Petersilie (Ger.); Prezzemolo (Ital.).
One ounce will sow a row 100 ft. long.

After soaking the seed for a few hours in warm water, it should be sown in rows 18 inches apart and when 2 inches high thinned out so the plants will stand 4 inches apart in the row. It takes parsley seed from 3 to 6 weeks ordinarily to germinate, so that a little patience in growing this is necessary.

Prices quoted for Parsley seeds are postpaid.

Champion Moss Curled. Beautifully crimped and curled. It can be cut the year round. Pkt., 10c.; 25c. per oz.; ¼ lb., 60c.; $1.75 per lb.

Double Curled or Covent Garden. A great improvement over all other varieties; nicely curled leaf which has a tendency to retain its deep green color the entire season. Pkt., 10c.; 25c. per oz.; ¼ lb., 60c.; $1.75 per lb.

Hamburg or Rooted. The fleshy roots are used for flavoring soups, stews, etc. Pkt., 10c.; 20c. per oz.; ¼ lb., 50c.; $1.50 per lb.

Plain or Single. Leaves not curled. Pkt., 10c.; 20c. per oz.; ¼ lb., 45c.; $1.25 per lb.

PEPPER

Piment (Fr.); Pfeffer (Ger.); Peperone (Ital.).

One ounce produces about 1200 plants.

Sow the seed in a hotbed or window box about March 1st. Transplant to the open ground when all danger from frost is over, in rows 3 feet apart, 18 inches apart in the row.

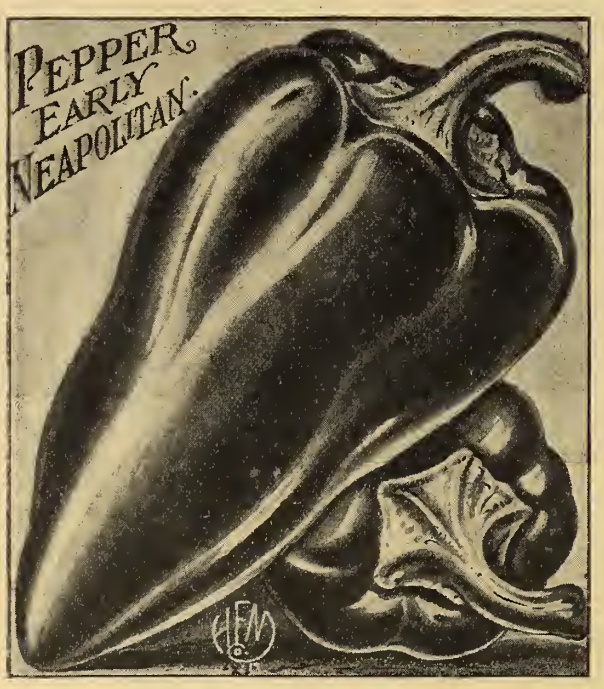
Prices quoted for Pepper seeds are postpaid.

Bell or Bull Nose. Very thick flesh; a great producer. The large fruits are green turning to vivid scarlet; fine for slicing on tomatoes, or stuffed as mangoes. Pkt., 10c.; 30c. per ½ oz.; oz., 50c.; $1.35 per ¼ lb.

Cayenne. A long red variety; very hot and used principally for bunching with pot herbs. Pkt., 10c.; 30c. per ½ oz.; oz., 50c.; $1.50 per ¼ lb.

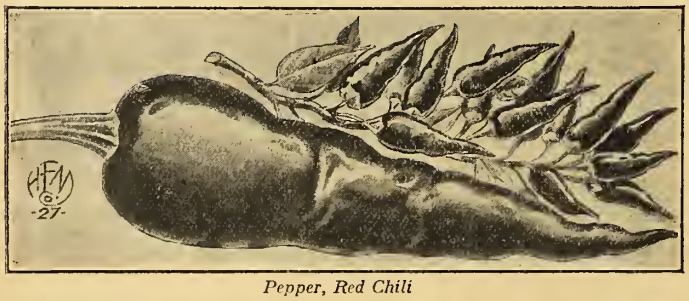
Chinese Giant. A monster pepper; perfectly sweet, green fruit turning bright scarlet; matures very late; a very shy seeder. Fine for stuffed mangoes. Pkt., 10c.; 50c. per ½ oz.; oz., 85c.; $2.85 per ¼ lb.

Golden Dawn. A large yellow variety shaped like the Chinese Giant; very sweet. Pkt., 10c.; 25c. per ½ oz.; oz., 40c.; $1.25 per ¼ lb.



Neapolitan. Early; large size; thick meated; mild flavor; bright red when ripe. Pkt., 10c.; 30c. per ½ oz.; per oz., 50c.; $1.35 per ¼ lb.

Pimiento. A splendid uniformly shaped, sweet variety; green fruit changing to red when fully ripe. Pkt., 10c.; 30c. per ½ oz.; oz., 50c.; $1.35 per ¼ lb.



Pepper, Red Chili

Red Chili. The small narrow red pods are very hot; principally used for seasoning. Pkt., 10c.; 25c. per ½ oz.; oz., 35c.; $1.25 per ¼ lb.



Pepper, Ruby Giant

Ruby Giant. Very large; adapted for stuffing; mild flavor. Pkt., 10c.; 30c. per ½ oz.; oz., 50c.; $1.60 per ¼ lb.

Ruby King. A large red variety resembling Bull Nose; grows a trifle larger. Pkt., 10c.; 30c. per ½ oz.; oz., 45c.; $1.35 per ¼ lb.

Tomato, or Squash. Upright growth; fruit small and shaped like a tomato; mild flavor. Pkt., 10c.; 25c. per ½ oz.; oz., 40c.; $1.20 per ¼ lb.

World Beater. This variety is very similar to Ruby Giant, but grows slightly larger; very meaty. Choice seed, grown in New Jersey. Pkt., 10c.; 30c. per ½ oz.; oz., 45c.; $1.35 per ¼ lb.

PEPPER PLANTS (Ready in May)

Pot grown Plants. Per doz., $1.00; $7.00 per 100. Not mailable.



PEANUTS

Arachide (Fr.); Erdnuss (Ger.); Cece de terra (Ital.).

One bushel nuts unshelled will plant an acre, but shell must be removed beforehand.

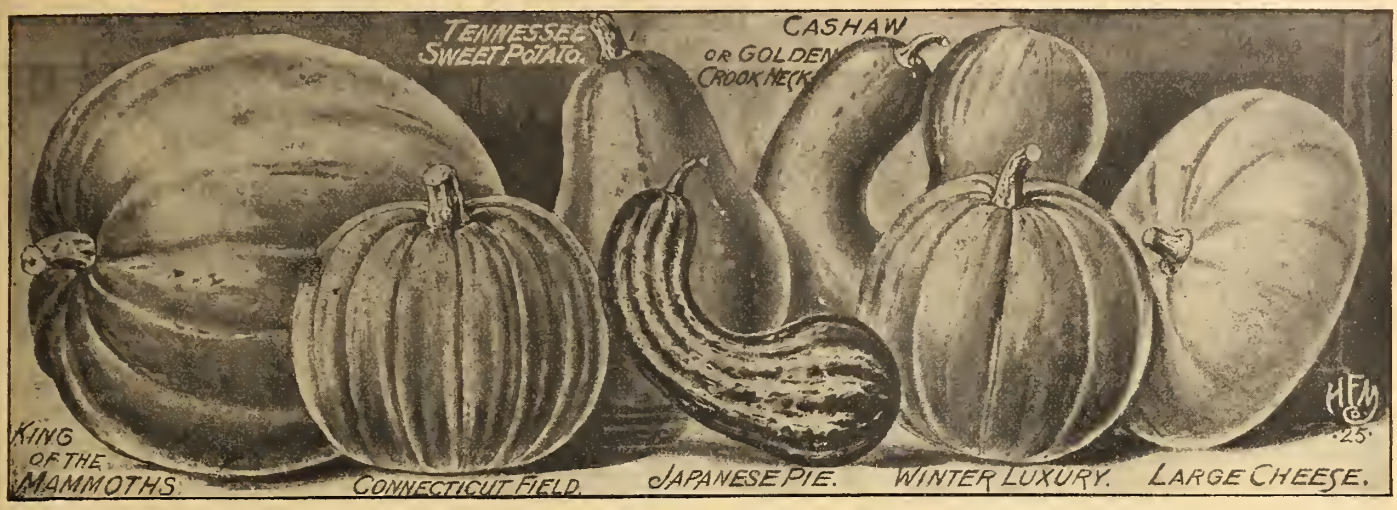
It is generally believed peanuts cannot be grown anywhere north of Virginia, but this is a mistake; most any well-drained garden soil suits them, where they will yield a big crop. The peanut plant rather enriches the soil instead of impoverishing it, as it is an abundant gatherer of free nitrogen.

Selected Virginia. ½ lb., 25c. (by P. P., 30c.); 40c. per lb. (by P. P., 50c.); 5 lbs., $1.75.

PENNYROYAL (Herb)

Pkt., 10c.; 35c. per ½ oz.; oz., 65c.

MICHELL'S PUMPKINS



Potiron (Fr.); Kurbis (Ger.); Zucca (Ital.)
One ounce will plant 25 to 50 hills; 4 to 5 lbs. for an acre.

Plant any time after the ground has become permanently warm, about four seeds to the hill; the latter to be about 8 feet apart each way. To obtain strong vines, they may be pinched back somewhat and if large specimens are desired, leave but one or two pumpkins on a vine. Do not plant near other vine crops, as they may hybridize the latter and spoil the taste; they can also be planted among corn after the last working.

Connecticut, or Common Field. Shape almost round; fruits produced in great abundance; flesh coarse and suitable only for stock feeding; color light yellow. Pkt., 10c.; 25c. per oz.; ¼ lb., 45c.; $1.25 per lb.

Japanese Pie. A crook-necked variety; deep green with darker stripes, which turn to a rich golden yellow. The fruit sets and matures early. The name given to it is derived from the seed, which is curiously marked like Japanese letters of the alphabet. Pkt., 10c.; 25c. per oz.; ¼ lb., 45c.; $1.25 per lb.

King of the Mammoths. This variety grows to an enormous size; orange-salmon skin, bright yellow flesh, fine grained and of excellent quality for pies. Pkt., 10c.; 25c. per oz.; 60c. per ¼ lb.; lb., $1.75.

NOTE—All seeds on this page sent postpaid at quoted prices.

Large Cheese. A very large, flat ribbed fruit, of a beautiful, buff yellow color; the interior is of fine quality. An enormous producer; ideal for market, home gardens and canning purposes. Pkt., 10c.; 20c. per oz.; ¼ lb., 45c.; $1.25 per lb.

Mammoth Cashaw or Golden Crook Neck. Very meaty, suitable for pie or stock feeding purposes; flesh golden yellow and very tender. Pkt., 10c.; 25c. per oz.; ¼ lb., 45c.; $1.25 per lb.

Tennessee Sweet Potato. An oblong-shaped, medium-sized fruit, with a very light buff yellow skin. For pies it is delicious while for cooking for table use it is dry and tasty. Pkt., 10c.; 20c. per oz.; ¼ lb., 45c.; $1.25 per lb.

Winter Luxury. Known as the New England pie pumpkin. The skin is a russet yellow, while the flesh is golden orange when ripe. This is also used for making Jack-o-Lanterns, for which purpose it is well suited, on account of its very round and symmetrical shape. Pkt., 10c.; 25c. per oz.; ¼ lb., 50c.; $1.50 per lb.

Pumpkin Seed for medicinal purposes, 40c. per lb.

MICHELL'S MAINE-GROWN SEED POTATOES

Pomme de Terre (Fr.); Kartoffel (Ger.); Patata (Ital.).

TIME OF SHIPMENT.—Potato shipping with us commences about March 15th (weather permitting), unless otherwise requested. We can ship at customer's risk any time during cold weather. **Plant 12 to 14 bushels per acre.**

Our Potatoes are put up in barrel sacks of 2½ bushels each.

Beats Them All (*Michell's*). This famous variety has given the best results wherever tried, yielding more than any other early potato; quality fine; extremely early, coming in about one week or ten days earlier than Early Rose. Oblong in shape.

Early Rose (*Houlton or Maine*). A leading variety for earliness, quality and productiveness; pink skin, oblong shape.

Gold Coin. This potato seems to be in great demand, though by no means a new one. It is large, somewhat roundish flat and a wonderful cropper; a late maturer.

Green Mountain. An excellent general crop variety; white, roundish flat.

Irish Cobbler. A splendid sort, almost round in shape.

Jersey Red Skin. These are especially adapted for planting in light, sandy soil late in June and in early July. They are oval shaped, medium size and cook pure white.

Russet. A splendid late variety, claimed to be absolutely rust and blight proof; medium size, oval or flat in shape.

State of Maine. An old favorite, grown by every gardener; good keeper; flat in shape.

SEMESAN BEL
The premier disinfectant for Potatoes; helps to improve the crop.

Prices on Seed Potatoes are established about March 1st.

SWEET POTATO PLANTS (Ready in May)

Yellow and Red Nansemond. Per 100, $1.00 (by parcel post, $1.15); $6.00 per 1000. Not less than 100 plants of a variety can be furnished.

We regret we cannot supply tubers of sweet potatoes.

CONCAVE POTATO KNIFE

Made of best steel with concave blade. Price, 45c. each.

POTATO SCAB DESTROYER

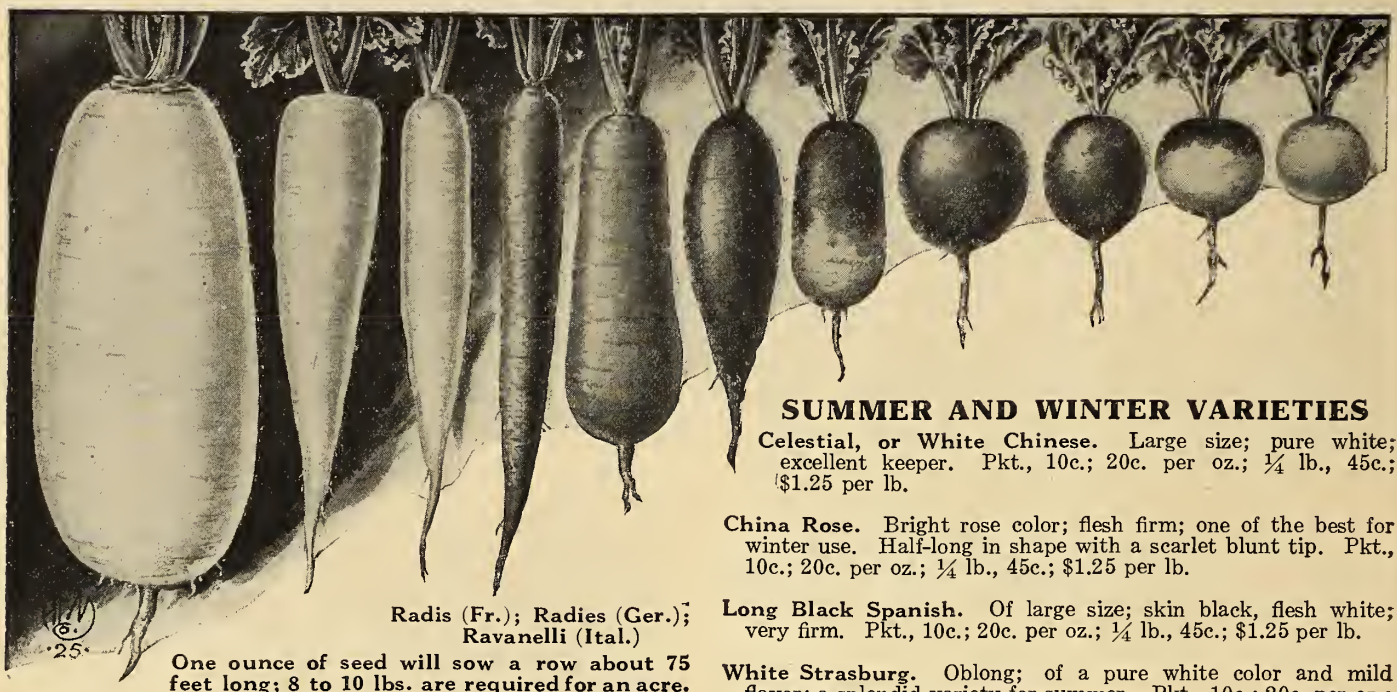


(Formaldehyde)

Dilute 1 quart in 25 gallons of water and soak the seed potatoes in this solution for 2 hours before cutting. They should then be taken out and dried; 25 gallons treating liquid is sufficient for approximately 15 bushels of potatoes. 85c. per pt. (cannot be sent by parcel post).

MICHELL'S SELECT RADISH SEED

Celestial | White Strasburg | Icicle | Long Scarlet | China Rose | Long Black Spanish | French Breakfast | Crimson Giant | Early Scarlet Globe | Turnip White | Scarlet White Tipped | Box



Radis (Fr.); Radies (Ger.); Ravanelli (Ital.)

One ounce of seed will sow a row about 75 feet long; 8 to 10 lbs. are required for an acre.

Radishes should be sown in good rich ground, where they can make rapid growth, for then only do they produce the best results. Early sowings can be made as soon as frost is out of the ground. The winter radishes are sown in July and are developed by autumn, at which time they may be taken up and stored in a cool cellar and covered with sand.

EARLY VARIETIES

Crimson Giant. Early; globe shaped and of large size; crisp, solid flesh; remains a long time without getting pithy. Pkt., 10c.; 20c. per oz.; ¼ lb., 50c.; $1.50 per lb.

Early Scarlet Globe (*Special Forcing*). A popular variety for hotbed or greenhouse forcing; also valuable for outdoor planting; very early, crisp and mild; may be pulled in 25 days from sowing the seed. Pkt., 10c.; 25c. per oz.; ¼ lb , 65c.; $2.25 per lb.

French Breakfast. Oblong shape; rapid grower; very mild and tender; of a beautiful scarlet color, tipped with white; good for open ground or forcing. Pkt., 10c.; 20c. per oz.; ¼ lb., 45c.; $1.25 per lb.

Icicle (*Improved Strain*). A magnificent white variety of fine taste; grows 3½ to 4 in. long in 22 days. Valuable for forcing as well as for open ground. Pkt., 10c.; 25c. per oz.; ¼ lb., 50c.; $1.50 per lb.

Long Scarlet Short Top. A favorite variety; long, bright scarlet with small top; excellent quality. Pkt., 10c.; 20c. per oz.; ¼ lb., 45c.; $1.25 per lb.

Round Red Forcing, or Button. One of the earliest varieties, maturing very quickly; splendid for hotbed or garden culture; flesh white, mild and tender. Pkt., 10c.; 25c. per oz.; ¼ lb., 50c.; $1.50 per lb.

Philadelphia White Box. A selection of the old reliable White Box radish; more perfect form, producing shorter tops and does not have a tendency to grow long in shape. Pkt., 10c.; 25c. per oz.; ¼ lb., 50c.; $1.50 per lb.

Scarlet or Cardinal Globe (*Improved Strain*). This popular radish will be welcomed readily in an improved form. The color and shape, a vivid scarlet oval form, are perfect. Pkt., 10c.; 20c. per oz.; ¼ lb., 50c.; $1.50 per lb.

Scarlet Turnip, White Tipped. Fine early scarlet variety with white tip. Pkt., 10c.; 20c. per oz.; ¼ lb., 45c.; $1.25 per lb.

All seeds on this page mailed post free at prices quoted.

SUMMER AND WINTER VARIETIES

Celestial, or White Chinese. Large size; pure white; excellent keeper. Pkt., 10c.; 20c. per oz.; ¼ lb., 45c.; $1.25 per lb.

China Rose. Bright rose color; flesh firm; one of the best for winter use. Half-long in shape with a scarlet blunt tip. Pkt., 10c.; 20c. per oz.; ¼ lb., 45c.; $1.25 per lb.

Long Black Spanish. Of large size; skin black, flesh white; very firm. Pkt., 10c.; 20c. per oz.; ¼ lb., 45c.; $1.25 per lb.

White Strasburg. Oblong; of a pure white color and mild flavor; a splendid variety for summer. Pkt., 10c.; 20c. per oz.; ¼ lb., 45c.; $1.25 per lb.

SAFFRON (Herb)

Pkt., 10c.; 25c. per oz.

SAGE (Herb)

Pkt., 10c.; 35c. per oz.

Semesan treated seeds produces more and finer vegetables.



Radish, Round Red Forcing or Button



Rhubarb

RHUBARB

Rhubarbe (Fr.); Rhabarber (Ger.); Rabarbaro (Ital.)

One ounce will sow a row 125 feet long.

Seed should be sown early in the spring in shallow drills 1 foot apart; thin out to stand 4 to 5 inches apart in the row. In the fall or following spring the roots should be transplanted into permanent beds and placed 3 feet apart each way; the year following that, or two years after sowing the seed, the rhubarb may be used. Roots may be planted in October or in the Spring up to May 15th.

Victoria. Immense long stalks of a cherry-red color; a most popular variety. Pkt., 10c.; 30c. per oz.; ¼ lb., 75c.

RHUBARB ROOTS

Victoria, Extra Strong Roots. 3 for 60c. (by parcel post, 75c.); $2.00 per doz. (by parcel post, $2.35); per 100, $12.00.

ROSEMARY (Herb)

Pkt., 10c.; 35c. per ½ oz.; oz., 50c.

RUTA BAGA See page 76.



SALSIFY (Oyster Plant)

Salsifis (Fr.); Hafer Wurzel (Ger.); Salsefia (Ital.)

One ounce of seed to 50 feet of drill; 10 lbs. per acre.

Sow in early spring, in drills fifteen inches apart and one to two inches deep; when about 4 inches high, thin to three inches apart. Soil should be deep and mellow in order that the root may grow straight down. Store same as carrots for winter use, or they can be left in the ground until spring.

Mammoth Sandwich Island. Of enormous size, very tender and delicious. Pkt., 10c.; 25c. per oz.; ¼ lb., 75c.; $2.50 per lb.

SAVORY (Herb)

Summer. Pkt., 10c.; 30c. per oz.

Winter. Pkt., 10c.; 25c. per ½ oz.; oz., 40c.

SHALLOTS See page 66.

All seeds on this page mailed post free at prices quoted.

SORREL

Oseille (Fr.); Sauerampfer (Ger.); Acetosa (Ital.).

Broad Leaved French. Relished principally by the French people, who use it as a spinach dressing, also as a salad; has an acid flavor. Sow seed in the spring in good light soil in shallow drills 1 foot apart; thin out to 4 inches apart in the row. The seed stalks should be cut off when they appear. Pkt., 10c.; 20c. per oz.; 60c. per ¼ lb.

SPINACH

Epinard (Fr.); Spinar (Ger.); Spinaccio (Ital.)

One ounce will sow a row about 75 feet long; 10 to 12 pounds are required for an acre.

Sow for spring use, in drills one foot apart (covering the seed about one-half inch) as early as the ground can be worked and continue to sow every two weeks till May 15th. Spinach seed seldom germinates during June, July or August, so we do not recommend sowing again until September, which is the season to provide an early winter and spring crop. On the approach of cold weather cover with long manure, salt hay, straw or other suitable litter. Spinach can also be grown successfully under hotbed sash.

Bloomsdale Round Seeded Savoy. Dark green leaves; the hardiest variety; curled and crimped, thick, fleshy leaves; the best for early spring and fall sowing. Oz., 15c.; 30c. per ¼ lb.; per lb., 60c.; $2.75 for 5 lbs.; 10 lbs., $5.00.



Spinach, King of Denmark

King of Denmark. A new and remarkable variety, stands a long while without running to seed; large yielder and of excellent quality. The leaves are large, rounded, slightly blistered and deep green. 15c. per oz.; ¼ lb., 30c.; 60c. per lb.; 5 lbs., $2.75; $5.00 per 10 lbs.

Long Season. Large plants and leaves, which are strong, robust and crinkled; will resist a great deal of heat without shooting to seed. 15c. per oz.; ¼ lb., 30c.; 55c. per lb.; 5 lbs. for $2.50; $4.50 per 10 lbs.

Market Gardeners. This new variety is the highest perfection of the Spinach family, being a decided improvement on all other kinds. Leaves are broad, heavy and of a dark green, glossy color, heavily blistered compared to Long Season; will stand a week or ten days longer without shooting to seed, than any other variety we know of, which is an important factor. The plants are large and strong, requiring a less number of plants to fill a basket than any other variety. 15c. per oz.; ¼ lb., 30c.; 60c. per lb.; 5 lbs., $2.75; $5.00 per 10 lbs.

New Zealand. This variety endures heat and drought; excellent for summer use; leaves small and thick. Heavy yielder, growing upright; one sowing can be picked from throughout the entire summer. A very distinct variety. In order to get a successful germination of the seed, it should be soaked in warm water for about 12 hours before sowing. Do not confuse this variety with, other sorts, as the seed should be sown about May 15th. Pkt., 10c.; 25c. per oz.; ¼ lb., 40c.; $1.25 per lb.



True Hubbard *Mammoth White Bush* *Boston Marrow.* *Delicious.* *Giant Yellow Crookneck.* *Cocozelle.*

SQUASH

Courge (Fr.); Kurbis (Ger.); Zucca (Ital.)

One ounce will plant 20 to 50 hills, 3 to 4 lbs. for one acre.

This vegetable is a popular one for summer and winter use and being susceptible to cold it should not be planted until the ground is thoroughly warm. The bush sorts should be planted in hills 4 to 5 feet apart each way; the running varieties 8 to 12 feet apart. Place 8 to 10 seeds in a hill, and when the third stage of leaves are set, thin out to about 4 plants in a hill.

SUMMER VARIETIES

Cocozelle or Italian. A bush variety with long, smooth fruits, dark green, striped a lighter color; elegant for slicing and frying as you do egg plant. Pkt., 10c.; 20c. per oz.; ¼ lb., 50c.; $1.60 per lb.

Giant Yellow Summer Crookneck. Shaped like a club with a bent neck. The skin is very rough and warted and of an orange yellow color. This is a running variety. Pkt., 10c.; 20c. per oz.; ¼ lb., 50c.; $1.60 per lb.

Large Yellow Bush. An improvement on the Golden Custard variety; at least 4 to 5 days earlier and of much finer quality; of scalloped type, beautiful creamy color; ready for the table in about 55 days. Pkt., 10c.; 20c. per oz.; ¼ lb., 50c.; $1.50 per lb.

Mammoth White Bush. Of round scalloped form with an ivory white skin; has an abundance of meat of very fine flavor; one of the earliest to mature and is very prolific. Pkt., 10c.; 20c. per oz.; ¼ lb., 50c.; $1.60 per lb.

FALL AND WINTER VARIETIES

(Running Sorts)

Blue Hubbard. A new variety and a selection from the original Hubbard. The fruit is of a gray blue color; grows large, is a remarkably good keeper and of excellent quality. Pkt., 10c.; 20c. per oz.; ¼ lb., 50c.; $1.60 per lb.

Boston Marrow. Shaped similar to Hubbard; color, golden orange; fine for canning for winter use, cooked as a vegetable or in pie. Pkt., 10c.; 20c. per oz.; ¼ lb., 50c.; $1.50 per lb.

Delicious. Well named, as it has the finest flavor of any squash; of oblong shape, with deep green skin and thin rind, and with a very small seed cavity. One of the best winter keepers; when matured it weighs from 5 to 10 lbs. and is in its prime during the early winter. Pkt., 10c.; 20c. per oz.; ¼ lb., 50c.; $1.60 per lb.

Golden Hubbard. Used extensively for pie, but served as a vegetable, it is very dry and delicious; outside deep orange red, very tender. Pkt., 10c.; 20c. per oz.; ¼ lb., 50c.; $1.60 per lb.

Hubbard (*True*). Fruits large, olive-shaped, with dark green skin and rich flesh; fine quality; excellent keeper. Pkt., 10c.; 20c. per oz.; ¼ lb., 50c.; $1.60 per lb.

Vegetable Marrow. A long, greenish white variety; fine for cooking; sweet and tender. A favorite squash with the English people. Pkt., 10c.; 20c. per oz.; ¼ lb., 50c.; $1.50 per lb.

All seeds (not plants) on this page sent postpaid at prices quoted.



Giant Lucullus Swiss Chard

SWISS CHARD (Spinach Beet)

Poireau (Fr.); Mangold Kohl (Ger.); Bieta (Ital.)

1 oz. will sow a row about 50 feet long.

Readily grown from seed, when it can be used five weeks after sowing and is a continuous crop until killed by frost. The plant does not produce a beet root, but its valuable part is all above the ground, large leaves with broad ribs grow from the center of the plant; the outer leaves only should be carefully pulled from the plant and the foliage part separated from the rib in preparing to cook. The former when cooked is served like spinach, which it resembles in taste; the ribs when boiled and served with melted butter are the equal of finest asparagus. After a hard frost the plants can be taken up and placed in a cool cellar; the roots may be carried over this way with an occasional watering and if planted in a hotbed about March 1st they will produce early spring greens.

Giant Lucullus. Very tall growing; crinkly leaves often two feet long; a beautiful ornamental plant for any garden. Pkt., 10c.; 20c. per oz.; ¼ lb., 45c.; $1.25 per lb.

SWEET BASIL (Herb)

Pkt., 10c.; 25c. per oz.

TARRAGON

Fine for flavoring. Pot-grown plants, 3 for $1.00 (by parcel post, $1.20); $3.00 per doz. (by parcel post, $3.30); per 100, $18.00.

SWEET MARJORAM (Herb)

Pkt., 10c.; 20c. per ½ oz.; oz., 35c.

THYME (Herb)

Seed. Pkt., 10c.; 30c. per ½ oz.; oz., 50c.

THYME PLANTS

Pot grown. 3 for $1.00 (by parcel post, $1.15.); $2.50 per doz. (by parcel post $2.75); per 100, $15.00.

TOBACCO

Many people like to have a few plants of this in the garden, it attracts butterflies. The flower is very sweet scented, while the leaves may be dried, cured and made into smoking tobacco and cigars. Sow in a box indoors and set outdoors in May.

	Pkt.	½ oz.	Oz.
Connecticut Seed Leaf	$0.10	$0.30	$0.50
Havana	.10	.40	.65
Pennsylvania Seed Leaf	.10	.30	.50

MICHELL'S SELECT TOMATO SEED

Pomme d'Amour (Fr.); Liebsapfel (Ger.); Pomo d'oro (Ital.)
One ounce will produce 3500 plants; ¼ lb. will provide enough plants for an acre.

Sow in the house or hotbed about March 1st, transplant when 3 inches high and again later to produce vigorous specimens. Set plants outdoors about May 1st in rows 3 feet apart, 18 inches in the row, or in hills 4 feet apart each way. Properly grown tomato plants should be supported. **Note—All seeds on this page mailed postpaid at prices quoted.**



Tomato, Earliana (Penn State)

Beauty. One of the largest purplish pink tomatoes; solid and meaty. Pkt., 10c.; 30c. per ½ oz.; oz., 45c.; $1.35 per ¼ lb.

Bonny Best. One of the most prolific of early tomatoes. The size is not so large, but it is very solid and evenly formed; color, bright red. Pkt., 10c.; 35c. per ½ oz.; oz., 45c.; $1.35 per ¼ lb.

Chalk's Early Jewel. Extra early; bright red; fine flavor; very productive. 10c. per pkt.; ½ oz., 25c.; 45c. per oz.; ¼ lb., $1.35.

Crackerjack (*Michell's*). This is one of the best early tomatoes for the home garden, its productiveness being wonderful; quite free from acid and of a convenient size. Color, rich red and produced in clusters. Pkt., 10c.; 35c. per ½ oz.; oz., 60c.; $2.00 per ¼ lb.

Crimson Cushion or Beefsteak. A vigorous grower, producing immense solid fruits, suitable for slicing or canning; a very meaty tomato with but few seeds. See color plate opposite page 46. Pkt., 15c.; 45c. per ½ oz.; oz., 75c.; $2.25 per ¼ lb.

Early Detroit. A productive, early purple sort; large and smooth. Pkt., 10c.; 35c. per ½ oz.; oz., 50c.; $1.60 per ¼ lb.

Dwarf Champion. A distinct type; the plant looks like a miniature tree; very dwarf and compact; red with a purplish cast; very solid; late maturer. Pkt., 10c.; 40c. per ½ oz.; oz., 60c.; $1.75 per ¼ lb.

Dwarf Stone. A dwarf, compact growing plant, yielding a large crop of medium-sized, very solid tomatoes. Color, bright red. The plant is very distinct and upright; late cropper. Pkt., 10c.; 40c. per ½ oz.; oz., 60c.; $1.75 per ¼ lb.

Earliana (*Penn State*). Great improvement on ordinary variety of Earliana, one of the earliest bright red varieties; compact in growth, good yielder, fruit solid, uniform and of excellent quality. Pkt., 10c.; 40c. per ½ oz.; oz., 65c.; $2.25 per ¼ lb.

Golden Ponderosa. The best large golden yellow variety; early, smooth and of excellent quality; similar in shape to the regular Ponderosa. Pkt., 15c.; 45c. per ½ oz.; oz., 75c.; $2.50 per ¼ lb.

Golden Queen. Medium yellow fruit; very sweet, almost free from acid; splendid for preserving or for slicing; to those who generally (on account of acidity) do not eat tomatoes, we can recommend this variety. Pkt., 10c.; 35c. per ½ oz.; per oz., 60c.; $2.00 per ¼ lb.

Greater Baltimore. A main crop variety; fruit large and of a brilliant red color; ripens evenly to the stem. Pkt., 10c.; 30c. per ½ oz.; oz., 45c.; $1.35 per ¼ lb.

John Baer. Plants are of strong, vigorous growth, producing fruit in clusters, of good size, a beautiful red in color and nearly round in shape; one of the best second early varieties to follow our Penn State Earliana. Pkt., 10c.; 35c. per ½ oz.; oz., 45c.; $1.35 per ¼ lb.

June Pink. A large pink variety; the purplish red flesh is solid and of fine texture. Pkt., 10c.; 35c. per ½ oz.; oz., 50c.; $1.70 per ¼ lb.

Livingston's Globe. Especially adapted to slicing; very solid, a purplish red color and of true globe type; well adapted for southern planting. Pkt., 10c.; 35c. per ½ oz.; per oz., 50c.; $1.70 per ¼ lb.

Marglobe (*New*). This new variety should be in every garden. The Marglobe originated with the U. S. Dept. of Agriculture by crossing the Marvel and Globe varieties, hence the name; it has retained the good characteristics of its parent Marvel which was found to be practically immune from the many tomato diseases and the Globe in quality and productiveness; color, a handsome scarlet, making it a suitable variety for all purposes; an excellent variety to follow our Penn State Earliana. See illustration page 47. Pkt., 15c.; 50c. per ½ oz.; oz., 75c.; $2.40 per ¼ lb.

Matchless. Large red fruit; a general crop variety. Pkt., 10c.; 30c. per ½ oz.; oz., 50c.; $1.60 per ¼ lb.

Ponderosa. The largest tomato in existence; a beautiful deep pink; rather uneven at times in shape. Pkt., 10c.; 40c. per ½ oz.; per oz., 65c.; $2.00 per ¼ lb.

Red Rock. One of the most solid varieties; of a brilliant red color; a fine one for the home or market garden. Pkt., 10c.; 30c. per ½ oz.; per oz., 45c.; $1.35 per ¼ lb.

Stone. A very careful selection of the old favorite Stone. The fruits are larger, more even and produced in greater abundance. Pkt., 10c.; 30c. per ½ oz.; per oz., 45c.; $1.35 per ¼ lb.

FORCING TOMATOES

	Pkt.	½ oz.	Oz.	¼ lb.
Bides Recruit. Medium size, bright red			$0.25	
Comet. Deep scarlet; medium size	.10	$0.35	$0.60	$2.00
Sutton's Perfection (Original pkt.)	1.25			

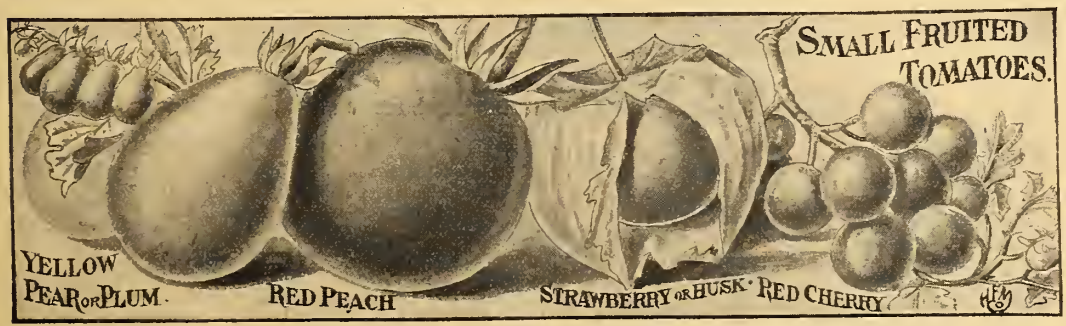
SMALL FRUITED TOMATOES

Red Cherry. Pkt., 10c.; 35c. per ½ oz.; oz., 60c.

Red Peach. Pkt., 10c.; 35c. per ½ oz.; oz., 60c.

Yellow Plum. Pkt., 10c.; 35c. per ½ oz.; oz., 60c.

Strawberry or Husk. Pkt., 10c.; 45c. per ½ oz.; oz., 65c.



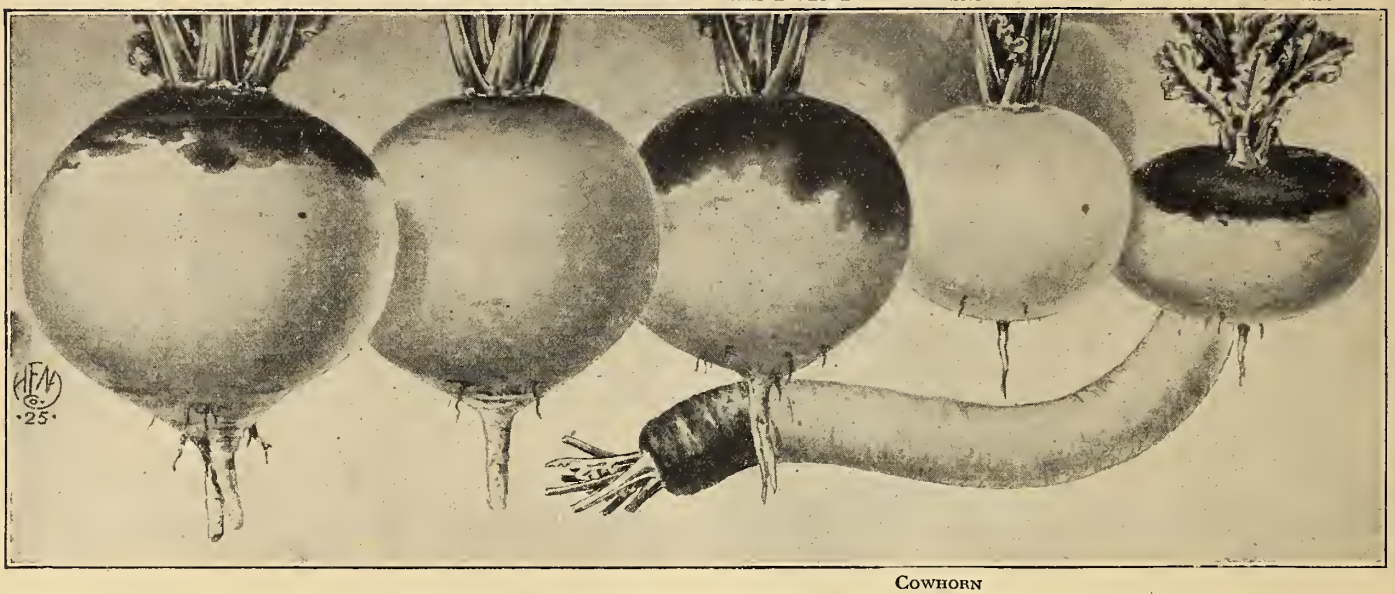
TOMATO PLANTS

(Ready in April)

Pot Grown. Per doz., 75c.; $5.50 per 100 (Not mailable).

MICHELL'S TURNIP AND RUTA BAGA SEED

RUTA BAGA YELLOW GLOBE PURPLE TOP WHITE GLOBE SNOWBALL EARLY PURPLE TOP FLAT



COWHORN

Herbst Ruben (Ger.); Navet (Fr.); Navone, Rapa (Ital.)

One ounce of seed for 100 feet of drill; two lbs. per acre, broadcast.

For early use sow the small sorts as soon as the ground can be worked in the spring in drills 14 inches apart. As the seed is fine it should be covered but slightly, except in very dry weather. Do not sow too thickly, so the roots can develop. For fall and winter use sow broadcast from the middle of July to the middle of August.

TURNIP

Aberdeen. A globe-shaped yellow variety; a good winter keeper. Pkt., 10c.; 20c. per oz.; ¼ lb., 35c.; 90c. per lb.; 5 lbs., $4.25.

Cow Horn. A long white variety. Pkt., 10c.; 20c. per oz.; ¼ lb., 35c.; 90c. per lb.; 5 lbs., $4.25.

Early Purple Top Flat. One of the most popular of the early varieties; root clear white, purple top, good quality. Pkt., 10c.; 20c. per oz.; ¼ lb., 35c.; 85c. per lb.; 5 lbs., $4.00.

Early White Flat Dutch (*Strap Leaf*). An attractive variety, producing a medium size root; very early and of fine quality. Pkt., 10c.; 20c. per oz.; ¼ lb., 35c.; 90c. per lb.; 5 lbs., $4.25.

Purple Top White Globe. Large root, part white, purple top; a good table and market variety. Pkt., 10c.; 20c. per oz.; ¼ lb., 40c.; $1.00 per lb.; 5 lbs., $4.75.

Snowball. A pure white globe variety; very early. Pkt., 10c.; 20c. per oz.; ¼ lb., 35c.; 85c. per lb.; 5 lbs., $4.00.

Southern Seven Top. For winter greens chiefly; extensively sown in the South. Pkt., 10c.; 20c. per oz.; ¼ lb., 35c.; 85c. per lb.; 5 lbs., $4.00.

Yellow Globe or Amber. Shaped like the Purple Top Globe, but the color is like that of a Yellow Ruta Baga. Pkt., 10c.; 20c. per oz.; ¼ lb., 35c.; 90c. per lb.; 5 lbs., $4.25.

RUTA BAGA

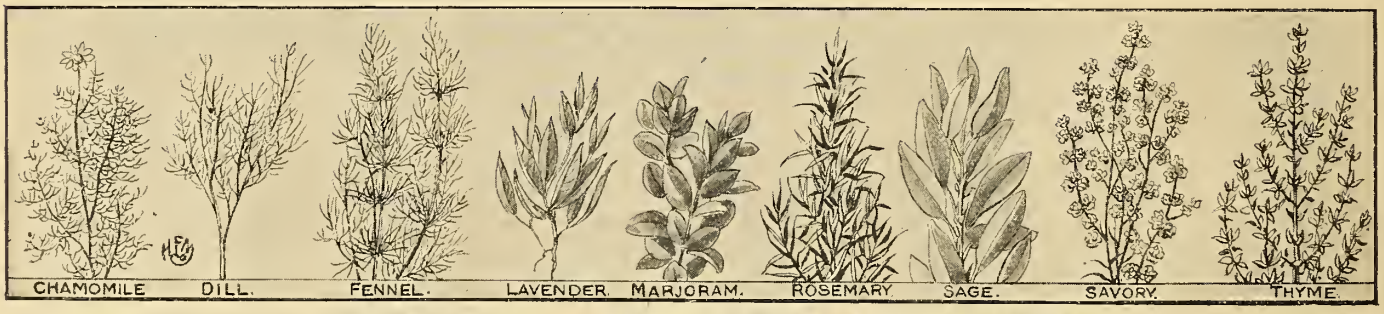
Ruta Bagas should be sown in drills about 30 inches apart and when 3 inches high thinned out to get the greatest root development. They need to be cultivated liberally and hilled up when about 6 inches high.

Customers frequently complain that Ruta Bagas grow too long in shape, rather than in a round form. Careful inquiry has developed the fact that this is caused by sowing the seed too early.

In the locality of Philadelphia and New York the seed should be sown from July 15th to August 1st. Seed sown earlier than this invariably produces the long shaped roots with long stems.

Purple Top Yellow. This is the perfect ideal Ruta Baga. Top is purple, the bottom yellow. It brings a high price when sold in the market on account of its shape. Pkt., 10c.; 20c. per oz.; ¼ lb., 40c.; $1.00 per lb.; 5 lbs., $4.75.

NOTE—All seed offered on this page mailed free at quoted prices.



SEEDS OF CULINARY AND MEDICINAL HERBS

For winter use, they should be cut just as they come into flower, tied in bunches and hung in a light, airy place indoors, where they can be available any time.

	Pkt.	½ oz.	Oz.
Anise	$0.10		$0.20
Basil, Sweet	.10		.25
Borage	.10		.25
Caraway	.10		.20
***Catnip**	.25		
***Chamomile**	.10	$0.35	.60
***Chives**	.15	.35	.60
Coriander	.10		.20
Dill	$0.10		$0.20
***Fennel, Sweet**	.10		.20
Fennel, Florence or Rooted	.10		.25
***Lavender**	.10		.30
***Mint, Peppermint**	.25		
***Pennyroyal**	.10	$0.35	.65
***Rosemary**	.10	.35	.50
Saffron	$0.10		$0.25
***Sage**	.10		.35
Savory, Summer	.10		.30
***Savory, Winter**	.10	$0.25	.40
***Sweet Marjoram**	.10	.20	.35
***Thyme, Broad Leaved**	.10	.30	.50

*Varieties are hardy or perennial, while others must be sown each season.





VEGETABLE AND HERB PLANTS AND ROOTS

We have fresh supplies of this stock in daily, during the season of planting; we grow them at our own nurseries, and in extra good quality.

ARTICHOKES (Ready in April)

Green Globe. Pot Grown. $1.50 per doz.; 25 for $3.00; $10.00 per 100 (by express only).

Jerusalem. Used for table and stock feeding. 20c. per lb. (by P. P., 30c); 75c. per 5 lbs. by P. P., 95c.); 10 lbs., $1.20 (by P. P., $1.50); $2.75 per 25 lbs.; 50 lbs., $4.50.

ASPARAGUS ROOTS (Ready after March 1st)

The two-year-old-roots usually produce two years after planting; our stock is especially fine in quality.

2 Year Old Roots	50	100	1000
Barr's Mammoth	$0.75	$1.25	$10.00
Giant Argenteuil	.75	1.25	10.00
Palmetto or Eclipse	.75	1.25	10.00
Washington (*Rust Proof*)	1.25	2.00	15.00

If above are wanted by parcel post add 10c. for 50; 15c. per 100 for postage.

BRUSSELS SPROUTS (Ready in July)

Matchless Improved (*Hotbed Grown*). 25 for 30c. (by P. P., 40c.); $1.00 per 100 (by P. P., $1.15); per 1000, $6.50.

CABBAGE PLANTS

Early Sorts. From Hotbeds. Wakefield and All Head only. Ready April 15th. 75c. per 100 (by P. P., 90c.); per 1000, $6.50.

Early Sorts. Cold frame plants. Ready April 1st. $1.00 per 100 (by P. P., $1.15); per 1000, $8.50.

Late Sorts. Ready July 1st, in Late Flat Dutch, Danish Ball Head and Red Dutch Drumhead varieties only. Per 100, 75c. (by P. P., 90c.); $5.50 per 1000.

CAULIFLOWER PLANTS (Ready April 1st)

Snowball variety only: From Hotbeds. 25c. per doz. (by P. P., 35c.); per 100, $1.75 (by P. P., $1.90).

Snowball variety only. Pot-grown, 75c. per doz.; per 100, $5.00. Not mailable.

CELERY PLANTS (Ready in July)

White Plume, Giant Pascal, Winter Queen and Golden Self Blanching. 75c. per 100. (by P. P., 90c.); per 100, $6.00.

CHIVES (Ready in April)

Strong Plants. 3 for 50c. (by P. P., 60c.); doz., $1.50 (by P. P., $1.70); $10.00 per 100.

EGG PLANTS (Ready after May 15th)

Pot-grown stock only.

New York Improved and Black Beauty. Per doz., $1.00; $7.00 per 100. Not mailable.

HOP VINE (Hardy)

This makes a valuable shade plant, grown on arbors, trellises, etc.

Strong Pot Grown Plants. 3 for $1.00 (by P. P., $1.15); doz., $3.00 (by P. P., $3.30); $18.00 per 100.

HORSERADISH ROOTS (Ready in March)

Maliner Kren (*Bohemian*). Large, strong cuttings, 35c. per doz. (by P. P., 45c.); per 100, $1.50 (by P. P., $1.65); $10.00 per 1000.

LAVENDER (Ready in April)

Pot-grown plants, 3 for $1.00 (by P. P., $1.15); per doz., $3.00; $18.00 per 100.

LETTUCE PLANTS

Heading varieties; our selection only. 25 for 25c. (by P. P., 40c.); 75c. per 100 (by P. P., 95c.); per 1000, $6.00.

MINT (Hardy) (Ready in April)

Peppermint. Pot-grown plants. 3 for 75c. (by P. P., 90c.); per doz., $2.50 (by P. P., $2.70); $15.00 per 100.

Spearmint. Pot-grown plants. 3 for 75c. (by P. P., 90c.); per doz., $2.50 (by P. P., $2.70); $15.00 per 100.

PARSLEY PLANTS (Ready in April)

Pot-grown. Per doz., $1.00; $7.00 per 100. Not mailable.

PEPPER PLANTS (Ready in May)

Bull Nose and Ruby King varieties only. Pot-grown plants. Per doz., $1.00; $7.00 per 100. Not mailable.

RHUBARB ROOTS (Ready from October to May 15th)

Victoria. Extra strong roots. 3 for 60c. (by P. P., 75c.); $2.00 per doz. (by P. P., $2.35); per 100, $12.00.

ROSEMARY (Perennial) (Ready in April)

Pot-grown plants. 3 for $1.00 (by P. P., $1.15); doz., $3.00.

SAGE (Hardy) (Ready in April)

Holt's Mammoth. Pot-grown plants. 3 for $1.00 (by P. P., $1.15); per doz., $3.00 (by P. P., $3.30); $18.00 per 100.

SWEET POTATO PLANTS (Ready in May)

Yellow and Red Nansemond. $1.00 per 100 (by P. P., $1.15); 1000, $6.00. Not less than 100 plants of a variety can be furnished.

TARRAGON (Hardy) (Ready in April)

Hardy if given protection in winter. Pot-grown plants. 3 for $1.00 (by P. P., $1.20); per doz., $3.00 (by P. P., $3.30); $18.00 per 100.

THYME (Hardy) (Ready in April)

English Broad Leaved. This is almost an indispensable herb. Pot-grown plants. 3 for $1.00 (by P. P., $1.15); per doz., $2.50 (by P. P., $2.75); $15.00 per 100.

TOMATO PLANTS (Ready after April 15th)

Pot-grown Plants in the following varieties only; Earliana, Stone, Dwarf Stone, Ponderosa, Crackerjack. Per doz., 75c.; $5.50 per 100. Not mailable.

NOTE—Mailing charges include packing costs and safe delivery or insurance. Also please note the smallest number or quantity of vegetable plants that can be supplied, is offered or specified here.

SPECIAL NOTICE

We regret that it is not practicable to ship **Pot Grown Plants of Cauliflower, Pepper, Parsley, Egg Plants and Tomatoes via Parcel Post.**

The foliage of these plants is very soft and tender and from experience (largely because of delays in the mail service) they reach their destination in a worthless condition.

If customers desire this class of plants shipped that way, we will use the utmost care in packing but we ask that we be relieved of any blame if they arrive in an unsatisfactory condition. When plants are wanted by parcel post we believe it will be to your advantage to request "Special Delivery" in which event allow in addition to the postage charges 10c. for special delivery stamp.



DU PONT SEMESAN



At left—SEMESAN-treated; below—untreated

Seed, plant and soil diseases rob you of from 10 to 90% of the fruits of your land and labor, and needlessly. You can change this loss into a gain by stopping disease before it gets a start, through disinfecting your seeds, seed pieces and soil with Du Pont Semesan, an organic mercury disinfectant which can be applied in either the liquid or dust form. It prevents or controls a variety of diseases borne by seeds, seed pieces, bulbs, plants and grafts, as well as many of those which infest the soil. Harmless to seed and plant life but deadly to disease organisms. It generally hastens germination, produces sturdier plants, and increases both the quantity and quality of crop yields. Easily and quickly applied. Recommended by agricultural colleges, county agents and large growers in every section of the country. Semesan is also the most effective means of controlling "Brown Patch" which attacks the turf of golf courses, tennis courts and lawns. Send for Free Crop Booklets.

Use Semesan Jr. for Corn and Semesan Bel for Potatoes.

Prices for Semesan

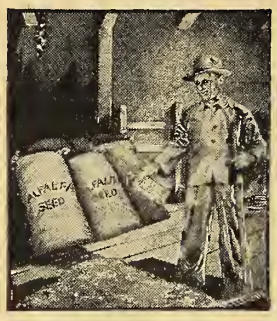
2 oz.	$0.50	25 lbs.	$62.50
8 oz.	1.60	50 lbs.	122.50
1 lb.	2.75	100 lbs.	240.00
5 lbs.	13.00		

Prices for Semesan Jr.

4 oz.	$0.60	25 lbs.	$37.50
1 lb.	1.75	50 lbs.	72.50
5 lbs.	8.00	100 lbs.	140.00

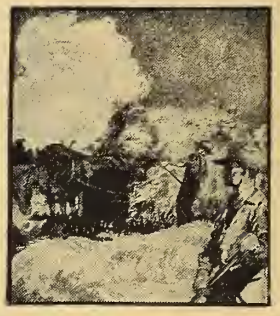
Prices for Semesan Bel

1 lb.	$1.75	50 lbs.	72.50
5 lbs.	8.00	100 lbs.	140.00
25 lbs.	37.50	340 lbs.	459.00



Inoculate Your Alfalfa, Clovers, Cow Peas, Soy Beans, Vetches and Other Legume Crops WITH Mulford Cultures FOR LEGUMES

Small Cost — Large Returns — Easy to Use — No Labor Expense



Mulford Cultures contain pure, tested strains of active, vigorous nitrogen-fixing bacteria, for inoculating seeds of legumes or soil.

Mulford Cultures are scientifically prepared and tested with the utmost care and skill. Enormous numbers of these very valuable and desirable bacteria are thus available to you in every package of Mulford Culture and may readily be applied to your seed. The sealed bottle insures purity.

Legumes offer the best known means of maintaining soil fertility and rejuvenating overcropped and worn-out fields. They add both humus and nitrogen to your soil and thus increase your yield of wheat, cotton, corn and other non-legume crops.

Always specify on your order what crop you want to inoculate. as there is a different strain of bacteria for each legume.

For Small Seeds		Prices	By P. P.
Alfalfa	Mammoth Clover	½ bushel size, $0.60	$0.70
Alsike Clover	Red Clover	1 bushel size, 1.00	1.10
Burr Clover	Sweet Clover	2½ bushel size, 2.25	2.35
Crimson Clover	White Clover	10 bushel size, 8.00	8.15

Free descriptive folder sent upon request.

For Large Seeds		Prices	By P. P.
Canada Field Peas	Vetch	1 bushel size, $0.60	$0.70
Cow Peas	Garden Beans	2 bushel size, 1.00	1.10
Peanuts	Lima Beans	5 bushel size, 2.25	2.35
Soy Beans	Garden Peas	20 bushel size, 8.00	8.15
Sweet Peas			

Garden size (supplied only in four varieties, for Garden Beans, Lima Beans, Garden Peas and Sweet Peas), 35c. (by P. P., 45c.).

The Improved Soil Inoculator, Nobbe-Hiltner Process

NITRAGIN

TRADE MARK REG'D DEC. 6 1892 NO 32712

Restores and Maintains Soil Fertility

THE ORIGINAL SOIL INOCULATOR

Enriches the soil, increases yield, hastens maturity.

List of Culture Groups

Culture "A"—Alfalfa and all Sweet Clovers.
Culture "B"—Red Clover, Mammoth Red Clover, Alsike Crimson and White Clover.
Culture "C"—Field and Garden Peas, Vetches, Broad Beans, Sweet Peas and Perennial Peas.
Culture "D"—Field and Garden Beans.
Culture "E"—Cow Peas, Lima Beans, Velvet Beans, Partridge Peas, Japan Clover and Peanuts.
Culture "S"—Soy Beans (all types).
Garden Nitragin—For Garden Peas, Sweet Peas, Beans and Lima Beans (3 in one).
When ordering specify crop culture is for.

Prices

Garden Size for Peas, Beans and Sweet Peas, 20c. (by P. P. 25c.).
¼ bu. size for 15 lbs. seed, 40c. (by P. P., 45c.).
½ bu. size for 30 lbs. seed, 60c. (by P. P., 65c.).
1 bu. size for 60 lbs. seed for other crops listed (except Cow Peas and Soy Beans) $1.00 (by P. P., $1.10).
5 bu. size for 300 lbs. seed for other crops listed (except Cow Peas and Soy Beans) $4.75 (by P. P., $4.90).
½ bu. size for Cow Peas and Soy Beans, 40c. (by P. P., 45c.).
1 bu. size for Cow Peas and Soy Beans, 70c. (by P. P., 80c.).
5 bu. size for Cow Peas and Soy Beans, $2.50 (by P. P., $2.65).

Plant 8 to 10 qts. per acre in hills for shelled corn or for silo, or sow 1½ to 2 bushels broadcast for fodder.

Our strains of corn are not the common kinds usually found in abundance on the market; we give very careful attention to selected stocks in all lines of farm seeds. This is particularly true of field corn where re-selection means the limit of crop with little or no increase in cost. Our stock is selected for size of ear and fodder, uniformity of kernel and the careful finish of the tip and butt, all of which means a considerable increase in production.

Champion White Pearl. An immense yielder, maturing in about 115 days; kernels deep set and snowy white; the merits of this corn are surprising.

Cloud's Early Yellow Dent. Our stock of this is grown on especially prepared ground. Every grain is uniform and perfect. Though the fodder grows often 10 feet high, the crop is matured in 100 days. The ear is about 10 inches long with a very thin cob when shelled, while the canary yellow grains are about ¾ of an inch long. It delights in rich soil if the best is expected of it.

Early Canada Flint (*Eight Rowed*). A medium broad grained variety, perfectly smooth on the end and very hard. Makes a desirable sort for late planting. The cobs are very thin when shelled; excellent for pigeon and poultry feed.

Golden Beauty. The broad, massive golden yellow dented grains are arranged very evenly on gigantic ears. Fodder is enormous, often growing 12 feet high; matures late, but yields wonderful crops; desirable for silo and ensilage purposes.

Lancaster County Sure Crop. One of the best all-around general purpose varieties and has proved to be a most reliable and profitable corn for either husking or ensilage purposes. A rather odd variety, in that the grains have a tendency to grow on curved rows. Grows quite tall; a sure cropper, producing a big ear on every stalk, very few nubbins; will yield good crops on land that is not so fertile; ears long, cob thin; top of grain rich yellow, when shelled the grain has a reddish yellow cast; matures early; husks very easily.

Leaming Early Dent. This variety has always been used foremost by most planters of field corn in the locality of Philadelphia. Beautiful long ears of deep grained, uniform kernels. The cob when shelled is very small. The stalks grow about 7 feet high, very leafy, excellent for fodder and on the average will produce two ears to the stalk; ripens in 90 days and occasionally crops 100 bushels to the acre. Every grain is uniform and perfect.

Mellinger's Golden Queen. A high yielding variety of yellow dent noted for heavy production of both grain and silage. A hardy, resistant corn, producing a good ear on every stalk, with few nubbins. Ears large, rows straight, butts and tips well filled. Grains square cut, moderate in depth, with uniform dimpled dent, easily distinguishing it from other varieties. Fodder heavy and leafy, 10 to 12 ft. tall; on fertile soil capable of yielding 90 bushels shelled corn or 20 tons silage per acre. Season two or three days shorter than Cloud's Yellow Dent. **Price,** 25c. per qt. (by parcel post, 35c.); 4 qts., 90c. (by parcel post, $1.10); $1.50 per peck (by parcel post, $1.85); per bushel, $5.00.

Reid's Yellow Dent. A splendid late variety with an average record of 100 bushels per acre; small cob, deep bright yellow grain.

Red Cob Ensilage. A long, narrow, white grain; a late maturer, and used for silo, green feed or ensilage purposes. A tall, rank grower and prolific in leaves.

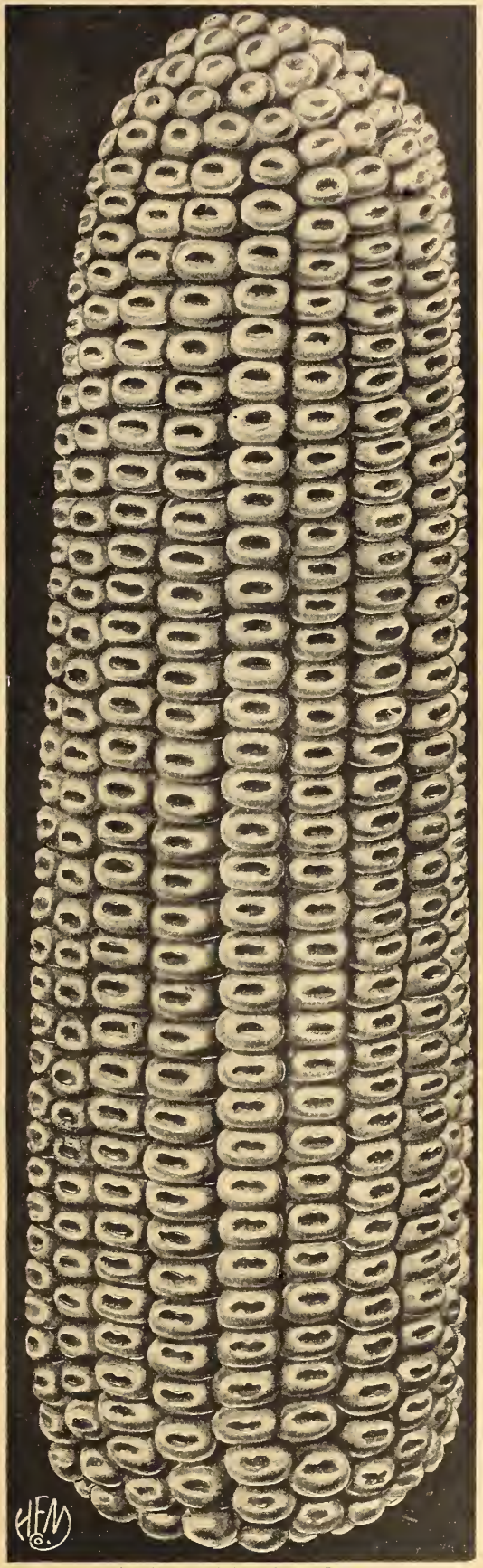
Price for any of the above varieties of Field Corn (except where noted) 25c. per qt. (by parcel post 35c.); 4 qts. 65c. (by parcel post 85c.); $1.00 per peck (by parcel post $1.35); $3.25 per bushel.

2 Bu. Seamless Bags used in shipping Field Corn are chargeable at 40c. each, but are returnable for credit if in good order and free of expense to us.

STANLEY'S CROW REPELLENT

Rids your corn crop of Crows and other corn pulling birds and animal pests such as Moles, Gophers, Woodchucks, Prairie Dogs, Squirrels, etc. Saves loss of seed and labor of replanting. Positively will not clog any planter. Aids and hastens germination of seed corn. Protects seed from rotting in the ground. Insures larger yields per acre. Is non-poisonous and will not injure the seed. Will not kill birds or animals but will keep them away and prevent destruction by them. Has been used successfully by experienced corn growers for over ten years. Large can, enough for two bushels of seed corn, $1.50 (by P. P. $1.75); small can, enough for one bushel, $1.00 (by P. P. $1.15).

For **Corn Planters,** see Page 136



Mellinger's Golden Queen Corn



RECLEANED CLOVERS

Prices quoted are subject to market changes

Alfalfa or Lucerne (*Medicago-Sativa*). The most valuable forage crop on the American farm today, and can be truly termed a mortgage lifter. Sow during May, August and September, for best results, although it can be sown at other times with a possible chance of doing well. Careful preparation of the soil previous to sowing is the main thing. Our special Instructions on Alfalfa explains this fully, and is free for the asking. Sow not less than ½ bushel (30 lbs.) per acre, preferably wtih no other crop. Our seed is always over 99 per cent pure, and will invariably give the best results. **Choice Non Irrigated Western Grown Seed.** 35c. per lb. (by parcel post, 45c.).

Grimm Alfalfa. Claimed to be hardy in any and all regions, a heavy yielder and of deep rooting ability. Highly recommended by various State Experiment Stations. Requires about 15 to 20 lbs. of Grimm Alfalfa to properly seed an acre. 50c. per lb. (by parcel post, 60c.).

Alsike or Swedish Clover (*Trifolium Hybridum*). One of the best for mixing with timothy; perfectly hardy in every climate or soil condition and seldom has to be reseeded. Under ordinary conditions it grows from 1 to 2 feet high; sow early in the spring or late summer and early autumn. Sow 10 to 15 lbs. per acre alone, or 8 lbs. per acre with Timothy. 35c. per lb. (by parcel post, 45c.).

Bokhara or Sweet Clover (*Melilotus Alba*). While extensively used as a bee food, this is a valuable variety for soiling (green manure); for sowing in spring on lands which are later to be sown in Alfalfa, this is excellent. It inoculates the ground and seems to render it more capable of insuring a good stand of Alfalfa than if it is not used. It grows from 3 to 5 feet high, according to soil and location; can be cut as often as three times in a season if wanted for forage. Sow 15 lbs. per acre in early spring, alone, or 10 lbs. per acre with other crops. We handle only the true white flowering hardy variety. **Choice Hulled Seed.** 20c. per lb. (by parcel post, 30c.).

Crimson Clover (*Trifolium Incarnatum*). Used principally for soiling or green manuring. If desired for feed, cut it just before it flowers. When desired for green manure, it should be allowed to mature; its height is from 1 to 2 feet. Sow any time from April to October, the earlier the better, 20 lbs. to the acre. If sown in early spring it can be plowed down the first year. Late summer or fall seeding is usually practiced. It is not hardy for more than one season and must be sown each year. 35c. per lb. (by parcel post, 45c.).

Mammoth Red Clover (*Trifolium Pratense Perenne*). Sometimes called Sapling or Pea Vine Clover and English Cow Grass. This differs from the "Medium," being of a ranker growth and yielding more fodder per acre. It ripens somewhat later and is more hardy, lasting several seasons longer than the medium red clover. It also does well on poorer soils. Sow in early spring or in July and August, using 20 lbs. per acre alone, or with other crops 10 lbs. per acre. It can be cut several times in a season. 45c. per lb. (by parcel post, 55c.).

Red Clover, Medium (*Trifolium Pratense*). More widely known and used than any other; used principally for hay purposes. Height from 18 inches to 2½ feet. Sow early in the spring or in late summer—July and August; if alone, 20 lbs. per acre; if with other crops, 10 lbs per acre. A red clover field can be cut twice a season. 40c. per lb. (by parcel post, 55c.).

White Dutch or Lawn Clover (*Trifolium Repens*). This is valuable for pasturage as well as for lawns; it succeeds where other clovers and grasses fail and it seldom dies out. It can be sown at all seasons, although early spring is best. Sow 10 to 12 lbs. per acre if alone, or 5 lbs. if sown on old turf or with other crops. Per oz., 10c.; 25c. per ¼ lb.; ½ lb., 45c. (by parcel post, 50c.); 85c. per lb. (by parcel post, 95c.); 5 lbs., $4.00 (by parcel post, $4.20); $7.75 per 10 lbs. (by parcel post, $8.05); per bu. of 60 lbs., $45.00; $75.00 per 100 lbs. Prices on White Clover subject to change.

Prices on Clovers, for quantities larger than 5 lbs., will be quoted on request.



Mammoth Yellow Soja Beans

BEANS, SOJA OR SOY

This valuable farm plant enriches the ground in which it is planted by the free nitrogen gathered from the air and which is deposited in the ground by the roots, leaving it in ideal condition and rich in nitrogen for the next crop. Fodder is relished in either green or dry form by cattle and dairy cows. Excellent to combine as feed with hay or corn. The seed when harvested and ground into meal is fed with great advantage to milch cows, mixed with bran or any soft feed. Sow 1½ bushels per acre alone, or ½ bushel Soja Beans with one bushel Cow Peas. Sow in drills 2½ feet apart, any time from the first to the last of May. If wanted for silo it will be ready for harvest about the first of September, when the pods will be well filled; yields as high as 20 tons of green food per acre. 60 lbs. per bushel.

Mammoth Yellow (*Late*). 20c. per qt. (by parcel post, 35c.).
Wilson (*Early*), 20c. per qt. (by parcel post, 35c.); larger quantity, price upon application.

Two bushel seamless sacks, used in shipping farm seeds, in one bushel lots and over, are charged for at 40c. each; returnable at price charged if in good condition and prepaid.

BARLEY

The straw is good for green feed or when cured as hay. The grain in the hull is excellent poultry feed. If wanted for hay it should be cut while the grain-head is in a soft or milky condition. Sow broadcast 1½ to 2 bushels per acre from May 15th to July 1st. 48 lbs. per bushel. Makes an ideal nurse crop for spring sown Alfalfa. When sown in connection with Alfalfa use ½ to ¾ bushel per acre broadcast; when ripe harvest as usual or cut and rake off. New York grown stock; frequently yields 50 bushels per acre. 20c. per qt. (by parcel post 30c.); larger quantity, price upon application.

BROOM CORN

The chief value of this plant lies in the top or brush, as it may be called, which is made into brooms. The fodder grows to a height of about nine feet, and is suitable for bedding. Sow in May, about ten pounds per acre, in drills 3 feet apart. Plants should be thinned out to stand 3 inches apart in the row.

Evergreen. This sort produces extremely straight brush retaining its green color well after ripening, thus commanding the highest market prices. Yields 1000 lbs. of salable brush per acre. Bushel 50 lbs. 20c. per qt. (by parcel post 30c.); larger quantity, price upon application.



Japanese Buckwheat

BUCKWHEAT

Japanese. In the locality of Philadelphia this is sown any time from June 1st to July 15th, one bushel of 48 lbs. broadcasted to the acre. If one has the ground prepared and the opportunity, it can be sown as early as May 1st. It makes a very fine quality of flour, but is largely used for poultry food. The flower makes ideal bee food, while the straw is very abundant. Any of the clover crops can be sown with buckwheat, these to mature the following season. Buckwheat frequently yields as much as 80 bushels to the acre. 20c. per qt. (by parcel post, 30c.); larger quantity, price upon application.

Two Bushel seamless sacks, used in shipping farm seeds, are charged for at 40c. each; returnable at price charged if in good condition and prepaid.

CANADIAN FIELD PEAS

These are used for various purposes, chief among them being a very early green food; when used this way they are sown with oats about April 1st at the rate of 1½ bushels of Peas and 1½ bushels of Oats to the acre either drilled or broadcasted. They are cut just after the peas flower and fed green; sheep, hogs and cattle relish them keenly. They may be sown successively up to July if one has the available land. Peas may also be sown alone at the rate of 3 bushels per acre and furnishes excellent hay. For plowing under as green manure, they add a vast amount of nitrogen to the soil and succeeding crops sown there the same year or even later, particularly wheat, are wonderfully benefitted by producing a more luxuriant growth and larger yield. The dried peas are extensively fed to pigeons while when ground as meal is an excellent addition to the regular soft food of cows, sheep and horses. 25c. per qt. (by parcel post, 40c.); larger quantity, price upon application.

CORN, FIELD (See page 79)

CORN, WHITE KAFFIR (for Seed)

The grain is used for feeding poultry and the fodder for cattle. Grows from 4 to 6 feet high, the grain being produced on the top of stalk in the shape of a brush; frequently as many as four heads of grain will be found on a single stalk. It usually ripens after the first few frosts; produces enormous crops. Can be sown as late as July at the rate of 10 lbs. per acre in drills. (Bu. 56 lbs.). 15c. per lb. (by parcel post, 25c.); larger quantity, price upon application.

CLOVER SEED (See page 80)

COTTON SEED

Sea Island. If sown early in May, will mature in the latitude of Philadelphia. 15c. per ¼ lb.; lb., 40c. (by parcel post, 50c.); $1.25 for 5 lbs. (by parcel post, $1.45).



A Field of Cow Peas

COW PEAS

Cow Peas are one of the best, largest yielding and most nutritious of the farm crops; they provide the most inexpensive methods of bringing soil back to a stage of fertility. On ordinary ground they will yield from 10,000 to 20,000 lbs. of green fodder to the acre. They grow in the poorest kind of soil, leaving it very rich in ammonia. In the latitude of Philadelphia sow from May 1st to July 1st, two bushels per acre broadcast, or one bushel per acre in drills. For a large crop sow the seed as late as possible.

Black. One of the popular varieties extensively grown; very prolific and matures early. It is of upright growth, consequently preferred for ploughing under or for grazing stock.

Large Black Eye. An exceedingly heavy cropper, but late to mature. In the South the seed of this variety is sold for dried peas for household use; it is claimed they are quite delicious.

Whippoorwill. Medium early; upright growing; a variety more extensively used than any other. The seed is gray speckled; a heavy producer of both pods and fodder.

Price of Cow Peas, 20c. per qt. (by parcel post, 35c.); larger quantity, prices upon application.

FLAX

This is grown for the fibre from which linen thread is made and also for the seed from which that indispensable product, "Linseed Oil," is made. When ground it makes an excellent tonic when fed to horses, cattle and poultry. If grown to harvest seed, sow 1 bushel to the acre from May 15th to June 15th. If desired for the fibre, sow 1½ to 2 bushels per acre (56 lbs. per bushel) 20c. per lb. (by parcel post, 30c.); larger quantity, price upon application.

MANGEL WURZEL

Sow 5 lbs. per acre in April and May in thoroughly plowed, well-manured soil, in drills about 24 inches apart. Thin out to 12 inches apart in the row, and keep the weeds down by frequent hoeing and cultivating. Low ground is best adapted for Mangel-Wurzels. They provide excellent winter food for cattle, sheep hogs and poultry.

Golden Tankard. The best long yellow mangel in cultivation. Relished by cows, sheep and hogs. Matures earlier than other large sorts. Per oz., 10c.; 25c. per ¼ lb.; lb., 75c. (by parcel post, 85c.); $3.50 per 5 lbs. (by parcel post, $3.70).

Lane's Improved White Sugar. This variety attains an enormous size, growing considerably above the ground; one of the best for stock feeding. Per oz., 10c.; 25c. per ¼ lb.; lb., 75c. (by parcel post, 85c.); $3.50 per 5 lbs. (by parcel post, $3.70).

Mammoth Long Red. This is an enormously productive variety, yielding from 50 to 75 tons to the acre, a single root often weighing from 20 to 40 pounds. It is the best long red mangel. Per oz., 10c.; 25c. per ¼ lb.; lb., 75c. (by parcel post, 85c.); $3.50 per 5 lbs. (by parcel post, $3.70).

MILLET

Can be sown as late as July 15th and yield a tremendous crop. Also desirable for green manuring, when it should be turned under when about 10 inches high. Makes an excellent green food for stock. If used for hay it should be cut just as it matures.

Hungarian. The seed produces hay not so fine in quality as the "Golden," also fully a foot less in height; it can, however, be sown some 2 weeks later. Sow 1 bushel (50 lbs.) per acre. 15c. per lb. (by parcel post, 25c.); larger quantity, price upon application.

Japanese Barnyard. This wonderful variety yields possibly more fodder than any other forage plant. Frequently as high as 12 tons of green food has been obtained from an acre. If sown early in May it may be cut twice in one season. Sow 12 lbs. per acre, broadcast, any time from May 1st to June 15th. 15c. per lb. (by parcel post, 25c.); larger quantity, price upon application.

Tennessee Golden. This requires a longer season to mature than the other sorts; it produces a very fine quality of hay and makes a larger seed head. In good seasons it grows about 4 feet high. Sow 1 bu. (50 lbs.) broadcast to the acre, from April 10th to July 10th. 15c. per lb. (by parcel post, 25c.); larger quantity, price upon application.

RAPE

Dwarf Essex. This can be pastured 8 weeks after sowing; sow in succession, as the stock eat it close to the ground and it will not stand pasturing any great length of time. Sow 6 lbs. per acre broadcast, from April 1st to October 1st. It produces enormous crops, and is ideal green manure. Stock feeding on it should have ready access to salt. 15c. per lb. (by parcel post, 25c.); larger quantity, price upon application.

Two bushel seamless sacks, used in shipping farm seeds, in one bushel lots and over, are charged for at 40c. each; returnable at price charged if in good condition and prepaid.



SEED OATS

We make quite a specialty of these, having them grown especially on contract for us; they are large, plump, free from weed seeds or other foreign substance, and of high vitality. Sow them at the rate of 2½ to 3 bushels per acre alone or 1½ bushels with peas, during April, for best results.

Storm King (*Pedigree Stock*). Our strain of this variety was brought from Russia several years ago, and is, without a doubt, the finest and plumpest oats we have ever seen. The straw is very stiff, often measuring five feet in height. Often yields 85 bushels per acre. Price, 20c. per qt. (by parcel post, 30c.); larger quantity, price upon application.

Swedish or Washington. The long, erect straw is noted for its ability to stand up in rough weather; grains are very plump and nearly pure white in color. Price, 15c. per qt. (by parcel post, 25c.); larger quantity, price upon application.

Victory (*New*). Originated at the Royal Seed Breeding School of Sweden. Straw is of good length and stands up well; heads are branching and well filled with grain of the finest quality for milling or feeding purposes. Price, 20c. per qt. (by parcel post, 30c.); larger quantity, price upon application.

Welcome. A well-known and extensively grown variety; extra strong straight straw; large plump grains; very productive. Price, 15c. per qt. (by parcel post, 25c.); larger quantity, price upon application.



FORMALDEHYDE

Improved Treatment for Oats Smut

Use one pint of Formaldehyde in 10 pints of water and with a spray pump direct a spray into each shovelful of grain as it is being shoveled over on a clean floor or canvas. This quantity, 11 pints, will treat 55 bushels at the rate of 1 pint to 5 bushels. Grain may be immediately sacked. Formaldehyde will increase the yield of oats, wheat, barley and rye materially. Per pint bottle, 50c.

2-bushel Seamless Bags for shipping Farm Seeds are charged for at 50c. each. These are returnable for credit. (ot)



Spring Rye

RYE (For Seeding)

Spring. An excellent early green food, or for pasture; the grain is used for feeding and other purposes, while the straw is a very fine quality, making a larger yield than the winter rye from which it is quite distinct, the seed being smaller. Sow from May 1st to June 1st, 1½ bushels to the acre. 56 lbs. per bu. Don't sow Winter Rye in Spring as it will not grow at that season. 25c. per qt. (by parcel post, 35c.); larger quantity, price upon application.

Pennsylvania White Winter. This may be sown in the autumn as late as November, making a very fine yield of long, stiff straw, or may be used as a cover crop. Winter rye will not mature if sown in spring. 20c. per qt. (by parcel post, 30c.); larger quantity, price upon application.

Rosen Winter Rye. An improvement on the Pennsylvania White Winter Rye, from a standpoint of yield, as to grain and straw Sow 1½ bushels per acre. 20c. per qt. (by parcel post, 30c.); larger quantity, price upon application.

SUDAN GRASS

An annual, and must be sown each year. Resembles millet somewhat; stock seems to relish it; will yield from 2 to 4 tons per acre. Sow in drills or broadcast 16 to 24 lbs. per acre; several cuttings can be made from a sowing in one season. Thrives well in a season of drought. Price, 16c. per lb. (by parcel post, 25c.); larger quantity, price upon application.

SUGAR CANE or SORGHUM

Early Amber. Either green or in a cured state this makes ideal cattle food. The seed can be threshed out of the stalks and used as poultry feed. It is a tremendous producer, growing often 12 feet high; it stands the hot, dry weather and can be cut several times in one season. Sow 25 lbs. of seed to the acre in drills 3½ feet apart; 1 or 2 bushels broadcast. 50 lbs. per bushel. 25c. per qt. (by parcel post, 35c.); larger quantity, price on application.

SUNFLOWER

Mammoth Russian. This makes a splendid poultry food, especially for winter use, on account of its heating and fattening qualities; will yield sometimes as high as sixty bushels per acre. Sow 10 qts. per acre in drills 3 feet apart, dropping the seed about every 4 inches. Prices (subject to change): 15c. per lb. (by parcel post, 25c.); 5 lbs., 70c. (by parcel post, 90c.); $1.35 per 10 lbs. (by parcel post, $1.65); bushel (25 lbs.), $3.25.



Timothy

TIMOTHY SEED

Our stocks of this important hay producing seed are especially fine; thoroughly recleaned, and free from weeds. If sown alone it requires 25 lbs. to seed an acre; if sown with wheat 12 to 15 pounds are the usual quantities. 15c. per lb. (by parcel post, 25c.); 10 lbs., $1.00 (by parcel post, $1.30); $2.25 per 25 lbs.; 100 lbs., $8.00.

VETCHES or TARES

This has been used in Europe for many years as a stock food and green manuring or cover crop. Does best if sown with rye; the latter gives it support and thus ensures enormous crops; makes an ideal hay. It fertilizes the ground without further trouble or cost, on account of the free nitrogen it gathers from the air. The height when supported is frequently 4 feet.

Winter Vetch (*Vicia Villosa*). Sometimes called Sand or Hairy Vetch. Our stock of this is the true type, imported by us direct from Russia, which will absolutely live throughout the winter. Sow from August 1st to October 1st, but the earlier the better, broadcast, 1 bushel per acre, to which we suggest adding a bushel of winter rye or wheat. In the spring it can be plowed under as green manure, or when in flower cut for hay. Price, 20c. per lb. (by parcel post, 30c.); larger quantity, price upon application.

Spring Vetch (*Vicia Sativa*). The seed of this is larger than the "Winter" and of a brownish gray color. It is not hardy and must therefore, be sown in the spring during May or June, 1 to 2 bushels per acre if broadcast, and 1 bushel if in drills, with either spring wheat, spring rye or oats, for support. Has the same desirable features as the winter vetch. Price, 20c. per lb. (by parcel post, 30c.); larger quantity, price upon application.

SPRING WHEAT

A desirable crop to sow where fall sown wheat has been killed by a severe winter; the grain is very hard and of excellent milling quality. Macaroni is made from this variety.

Saskatchewan Fife. A favorite sort in this locality and is used on account of its prolific, vigorous growth and early qualities. It often produces 50 bushels per acre. Sow in April or May, 1½ to 2 bushels per acre, broadcast or in drills. Price, 25c. per qt. (by parcel post, 40c.); larger quantity, price upon application.

AMARYLLIS

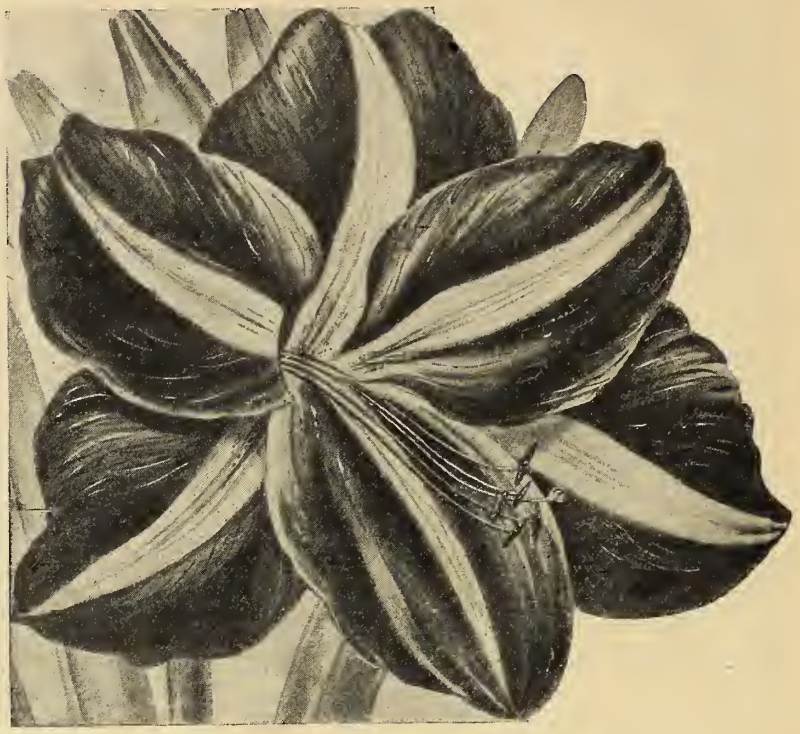
One of the most gorgeous showy house plants, giving splendid satisfaction, not only because of their requiring little care, but also on account of their everlasting nature and tendency to increase.

Belladonna. A beautiful bright pink. 35c. each; doz., $3.50 (by parcel post, $3.65).

Formosissima. Crimson. 65c. each; doz., $6.50 (by parcel post, $6.65).

Hippeastrum Equestre. A garden species, producing large, bright red flowers. 50c. each; doz., $5.00 (by parcel post, $5.25).

Giant American Hybrids. The finest race of Amaryllis in cultivation, exceeding in the size and fine form of their flowers as well as in the diversity of colors and markings all former hybrids; flowers striped and flaked. 75c. each; doz., $7.50 (by parcel post, $7.85).



Amaryllis, Giant American Hybrids



Single Tuberous Rooted Begonia

Cultural Directions.—When bulbs are received they should be placed where they will always be slightly moist and war Do not pot up the bulbs until the flower buds appear; when first potted, give very little water and promote growth by giving moderate bottom heat; increase the supply of water as the plants grow.

BEGONIAS (Tuberous Rooted)

Enormous wax-like flowers appear uninterruptedly from June until frost. Plant bulbs outdoors latter part of May or start indoors any time prior to then.

SEMESAN

controls and prevents infection by the common diseases to which bulbs and flowers are subject; easy to use either as a dust or liquid. See page 95.

If wanted by Parcel Post, add 10c. per doz.; 25c. per 100, for postage. Single bulbs mailed free.

SINGLE BEGONIAS (Large Bulbs)

	Each	Doz.	100		Each	Doz.	100
Crimson	$0.25	$2.50	$17.50	Scarlet	$0.25	$2.50	$17.50
Orange	.25	2.50	17.50	White	.25	2.50	17.50
Pink and Rose	.25	2.50	17.50	Yellow	.25	2.50	17.50
Salmon	.25	2.50	17.50	Mixed	.25	2.50	17.50

DOUBLE BEGONIAS (Large Bulbs)

	Each	Doz.	100		Each	Doz.	100
Orange	$0.30	$2.75	$18.50	Scarlet	$0.30	$2.75	$18.50
Pink and Rose	.30	2.75	18.50	White	.30	2.75	18.50
Salmon	.30	2.75	18.50	Yellow	.30	2.75	18.50
				Mixed	.30	2.75	18.50

BEGONIA, CRISPA (Large Bulbs)

The edge of each flower petal is exquisitely frilled.

	Each	Doz.	100		Each	Doz.	100
Orange	$0.30	$3.00	$20.00	Salmon	$0.30	$3.00	$20.00
Pink and Rose	.30	3.00	20.00	Scarlet	.30	3.00	20.00
				White	.30	3.00	20.00
				Mixed	.30	3.00	20.00



Double Tuberous Rooted Begonia

MICHELL'S CHOICE CANNAS (ROOTS)

The varieties offered below are a selection of the largest flowering varieties and we can heartily recommend them for borders or bedding.

Please Note: The heights given for Cannas are as they average in the Nurseries; this height may vary, depending on soil, weather and climatic conditions.

If Canna Roots are wanted by parcel post, please add 20c. per dozen for postage. Single roots mailed free.

Alphonse Bouvier. Rich velvety red; green foliage; 5 feet. Roots, 20c. each; doz., $2.00; $12.50 per 100.

Ambassador. Brilliant cherry red flowers; plants of vigorous growth; blooms early; bronze foliage; 3½ feet. Roots, 35c. each; doz., $3.00; $20.00 per 100.

American Beauty. Velvety oriental carmine or translucent cerise; large, attractive flowers; green foliage; 4 feet. Roots, 35c. each; doz., $3.50; $25.00 per 100.

Apricot. Color, buff yellow base, overspread with salmon pink; a very effective variety; green foliage; 4 feet. Roots, 25c. each; doz., $2.50; $15.00 per 100.

Cheerfulness. Bright, fiery deep orange, bordered golden yellow; green foliage; 3½ feet. Roots, 20c. each; doz., $2.00; per 100, $12.50.

City of Portland. A glowing pink; flowers borne in great profusion; height, 3½ ft.; foliage green. Roots, 35c. each; doz., $3.00; $20.00 per 100.

Enchantress. Delicate old rose passing to light salmon; free flowering; green foliage; 4½ feet. Roots, 35c. each; doz., $3.50; $25.00 per 100.

Eureka. The best white variety; free bloomer; green foliage; 4 feet. Roots, 30c. each; doz., $3.00; $20.00 per 100.

General Merkel. Bright scarlet, splashed golden yellow; green foliage; 4 feet. Roots, 20c. each; doz., $2.00; $12.50 per 100.

Gladioflora. Crimson changing to carmine rose and edged with gold; flowers resemble a gladiolus; green foliage; 3 feet. Roots, 20c. each; doz., $2.00; $12.50 per 100.

Hungaria. Plant dwarf and compact; rich peach blossom pink; free, early and continuous bloomer. Foliage green and very massive; height, 3½ feet. Roots, 35c. each; doz., $3.00; $20.00 per 100.

King Humbert. Truly a king among cannas, because of its majestic growth, which is doubly enhanced by its massive truss of coppery scarlet flowers; foliage is deep bronze; 4½ feet. Roots, 25c. each; doz., $2.50; $15.00 per 100.

Meteor. Of compact growth; broad green foliage, large heads of bright red flowers; 4½ feet. 25c. each; doz., $2.50; $15.00 per 100.

Miss Mary Wallace. Flowers of large size; color, soft, crimson pink; green foliage; 3½ feet. Roots, 35c. each; doz., $3.50; $25.00 per 100.

Mme. Crozy. Scarlet, bordered golden yellow; green foliage; 3 feet. Roots, 20c. each; doz., $2.00; $12.50 per 100.

Mrs. Alfred F. Conard. Gigantic flowers borne in immense clusters, color, delightful salmon pink, a shade which becomes more brilliant as the flower develops. Foliage light green; 4 feet. Roots, 35c. each; doz., $3.00; $20.00 per 100.

Mrs. Pierre S. Du Pont. A very showy variety and the queen of all pink cannas; blooms from June until frost. Color, a vivid watermelon pink; each individual flower is very large; one plant will make several heads of bloom. Plants only, $2.00 each.

Rosea Gigantea. One of the largest varieties; color, rich rose pink; free bloomer; foliage green; height, 3½ feet. Roots, 35c. each; doz., $3.00; $20.00 per 100.

Shenandoah. A beautiful salmon pink color; bronze foliage; 4 feet. Roots, 20c. each; doz., $2.00; $12.50 per 100.

Surpasse Reverchon. Color, cochineal red; an attractive variety; bronze foliage; 4½ feet. Roots, 25c. each; doz., $2.50; $15.00 per 100.

The President. This splendid variety produces immense flowers of a rich, glowing scarlet; superior in quantity and quality of bloom to any other red variety; green foliage; 4 feet. Roots, 25c. each; doz., $2.50; $15.00 per 100.

Henry F. Michell Co. was awarded a Bronze Medal for display of Cannas at the Sesqui Centennial International Exposition, Philadelphia, Pa.



Varouna. A showy and valuable variety; orange colored flowers; bronze foliage; 3½ feet. 25c. each; doz., $2.50; $15.00 per 100.

Venus. A gay rosy-pink with a well defined border of creamy yellow; green foliage; 4 feet. Roots, 25c. each; doz., $2.50; $15.00 per 100.

Wintzer's Colossal. Vivid scarlet flowers of immense size; profuse bloomer; green foliage; 5 feet. Roots, 25c. each; doz., $2.50; $15.00 per 100.

Yellow King Humbert (*Queen Helen*). A sport of the well-known bronze-leaved variety, but with green foliage; about 4½ feet high, with masses of golden yellow flowers, dotted red; occasionally some will be streaked red. Roots, 25c. each; doz., $2.50; $15.00 per 100.

Mixed Cannas. All colors. Roots, 15c. each; doz., $1.50; $10.00 per 100.

PRICES OF CANNA PLANTS

Please note that the prices quoted above are for dry roots. If plants are wanted they are ready about May 10th, and will be supplied at the following prices, 3 for $1.00 (by parcel post, $1.20); doz., $3.50; $25.00 per 100. Please specify if roots or plants are wanted, when ordering.

MICHELL'S SUPERB DAHLIAS

Our list of Dahlias has again this year been most carefully revised and is made up of the newer and also the better standard varieties.

Note—Unless specially requested we do not send Dahlias out until about March 15th to April 1st.

The natural season for the Dahlia to be at its best is during September and October; in fact, effort to get superior blooms before that time should not be attempted. To get large flowers, the plants should be disbudded up to August 1st.

Spade or plow the ground to a depth of about 10 inches. As a fertilizer, use either well-rotted stable manure, or, better still, sheep manure, which should be well mixed with the soil. When the soil is properly prepared, dig a hole 6 inches deep in which to plant the Dahlias. The bulbs should be laid down flat and covered to a depth of 4 inches. Every Dahlia should have from 2½ to 3 feet space in the row and at least 4 feet between the rows.

As soon as the plants are a foot above the ground they should be tied to a stake. Keep the ground well cultivated and free from weeds. Never leave more than one shoot to a plant if you want to grow exhibition flowers.

About Dahlia Plants. It happens sometimes that there is an unusually large demand for certain varieties and our stock of roots becomes exhausted. In such instances we will send out strong plants after May 1st.

HOW TO KEEP DAHLIA ROOTS AFTER THEY ARE SHIPPED TO YOU IF TOO EARLY TO PLANT

In order to keep the tubers in prime and plump condition until planting time it is best to leave them in the packing you receive them in; it is well however to open the package so as to admit a little air in order to prevent the tubers being affected with mildew; exposure to too much air causes them to shrivel, sometimes rendering them worthless. Do not moisten them and also keep them in a cool place but not where they will freeze.

Our booklet on the culture of Cannas, Dahlias and Gladiolus is a comprehensive treatise on these important flowers. Free on request.

MICHELL'S PRIZE WINNING DAHLIAS

OUR OWN INTRODUCTIONS AND OTHER MERITORIOUS VARIETIES

MICHELL'S COLOR PLATE DAHLIAS

F. J. MICHELL, Sr. (Cactus)

A new cactus variety. A beautiful amber color, of the true American Cactus type; flowers large, well formed and carried on excellent straight stems. The plant grows medium tall, sturdy and of a good open habit. Tubers, $7.50 each.

MRS. CLARENCE H. GEIST (Decorative)

A new introduction of the decorative type; color, creamy white blending to lavender pink, with a suggestion of yellow at base of petals. Very large, rather flat blooms, held on straight, stiff stems. Tubers, $7.50 each.

ROBERT LEEDS (Decorative)

This is another new introduction; massive flowers of a rich, royal purple color and of fine formation, holding the full center throughout the season. Blooms large and heavy but are held well on stout, strong stems. Tubers, $7.50 each.

One tuber each of the above 3 varieties for $20.00.

CALVIN COOLIDGE, Jr. (Decorative)

(See color plate opposite page 86A)

This Dahlia was named by special permission of President and Mrs. Coolidge.

A Dahlia which created a sensation when exhibited four years ago; it originated with John M. Root, an expert in dahlia culture. Flowers immense and beautifully shaped. Color, rose pink, suffused with salmon, shading deeper towards the center, while the petals are distinctly edged with gold. A profuse bloomer; long, stiff stems. Tubers, $3.50 each.

ELIZABETH DINSMORE (Decorative)

An excellent variety for the garden or for house decoration; color, brilliant orange with salmon shadings; a bright color combination. Tubers, $5.00 each.

EUGENIA L. BIDDLE (Decorative)

Color, primrose yellow with faint shading of salmon; flowers large, on long stems; an excellent keeper when cut. Tubers, $5.00 each.

FLORENCE MICHELL (Decorative)

Another seedling from the gardens of Mr. John M. Root, who is well known as a hybridizer of several of the leading varieties. Color, creamy white with suggestion of shell pink. Petals long and nicely formed; center full throughout the season. Tubers, $3.50 each.

HADDON HALL (Decorative)

A 1926 introduction. Amber yellow with carmine suffusion towards the outer edge of the petals best describes this flower. Stem straight and strong, holding the flowers in a graceful position. A vigorous grower and persistent bloomer. Tubers, $2.50 each.

HENRY F. MICHELL (Decorative)

Immense, heavy flowers of a true brilliant scarlet, 8 to 9 inches in diameter and from 5 to 6 inches in depth. Tall grower, attaining a height of 7 to 8 feet without forcing; stem heavy and strong. Tubers, $1.00 each.

HILDESIA (Decorative)

Very large flowers on stiff stems; color, creamy white shading to violet rose towards the outer petals. Tubers, $5.00 each.

MARLTON (Decorative)

A new and very attractive variety; flowers large and produced on strong stems; color, garnet and white; free bloomer. Tubers, $3.50 each.

MRS. COLEMAN DU PONT (Decorative)

A new and very attractive variety; color, yellow with vermilion suffusion; flowers large and produced on long, strong stems. Tubers, $5.00 each.

MRS. GEO. W. ELKINS, Jr. (Decorative)

Flowers very large (8 to 9 inches in diameter) and of perfect decorative type, always full to the center; color, beautiful old gold, suffused salmon pink, with faint reflex of rosy pink. A perfect garden and exhibition variety with exceptional keeping qualities. Tubers, $1.00 each.

MRS. JOHN M. ROOT (Hybrid Cactus)

An enormous flower of pure canary yellow; petals long, broad and slightly twisted, giving the flower great diameter and depth; plants attain a height of 6 to 7 feet without forcing. Winner of the Penna. Horticultural Society silver Medal in 1922 and 1923. Tubers, $1.50 each.

MRS. REINHOLD GREINBERG (Decorative)

Beautiful orchid pink with bluish shadings; very large flowers on long, stiff stems; free bloomer and excellent keeper when cut. Tubers, $5.00 each.

THE WALT WHITMAN (Decorative)

Color, dark crimson, each petal tipped white; flowers large and held erect. Won the Camden Dahlia Society's Gold medal for the best seedling in 1925. Tubers, $5.00 each.

Three New and Meritorious Decorative Dahlias

Flowers of fine decorative type; good centers and perfect stems. We believe these varieties will be the coming cut flower dahlias of their colors.

Michell's Autumn. Autumn shades. Tubers, $2.50 each.

Michell's White. Tubers, $2.50 each.

Michell's Yellow. A beautiful shade. Tubers, $2.50 each.

One tuber each above 3 varieties for $7.00.



MICHELL'S
NEW AND MERITORIOUS
DAHLIAS

No. 1. **Mrs. Clarence H. Geist** $7.50 Each

No. 2. **Robert Leeds** $7.50 Each

No. 3. **F. J. Michell, Sr.** $7.50 Each

One each of the above three varieties for $20.00

Tubers will be furnished in April, as long as stock permits, after which thrifty plants will be supplied in May

MICHELL'S SUPERB DAHLIAS

SELECT DECORATIVE VARIETIES

Aibonita. Flowers large, on long, graceful stems, deep and well formed; color, a bright glowing pink shading to a rich golden yellow at the center. Tubers, $1.00 each.

Americana. Large flowers composed of many shell-like petals of a lovely soft pink; fine for cutting and for exhibition. Tubers, $1.50 each.

Amulet. Color, rich brown suffused gold, the shade of autumn foliage; large deep flowers, with good keeping qualities when cut. Tubers, $5.00 each.

Amun Ra or The Sun God. Of immense size and new formation. The colors are copper and orange shading to gold and amber, deepening in center to a rich, dark, reddish bronze. Flowers keep for days when cut and last a long time on the plant. Tubers, $1.00 each.

Azalea. The flowers are of good size and very attractive on account of the long, narrow florets; color, soft, creamy yellow, suffused salmon, shading to old rose. Tubers, 50c. each; doz., $5.00.

Bashful Giant. One of the largest varieties and excellent for exhibition purposes; flowers are produced on stout stems; color, apricot with golden shadings. Tubers, 75c. each; $7.50 per doz.

Bazaar. A large flowering variety; color is soft chrome yellow overlaid with red. Tubers, $1.50 each.

Bernice Hurley. Very large scarlet blooms, shading darker towards center; flowers keep a long while after being cut. Tubers, $2.50 each.



Decorative Dahlia, Bashful Giant

Black Cap. Color, dark velvety red; flowers large and full on strong stems. Tubers, $3.50 each.

Bonnie Brae. An immense exhibition variety; color a pleasing shade of cream, shading to blush pink. Truly a wonder in delicate shading. Tubers, 40c. each; doz., $4.00.

Bruno. Large flowers on long, strong stems; strong grower; free bloomer. Color, a beautiful rose shaded cardinal; flowers often measure 9 inches in diameter. Tubers, $3.00 each.

California Superba. An immense flower, with petals long and narrow; delicate shade of pink without any blue tone, gradually shading to a white center. Tubers, $2.00 each.

Casper G. Ware. Flowers are large, regularly formed and produced profusely on long stems; color, silvery violet rose; an exceptional exhibition variety. Tubers, $3.50 each.

Champagne. This variety is large in size; unique in form and coloring and freedom of flowering; color, golden champagne with chamois shadings. Tubers, $1.50 each.

Chas. Stratton. A blue ribbon winner in the class for large blooms and artistic coloring; flowers deep and massive, keeping well when cut; color, pale gold shaded and blended with old rose; blooms early. Tubers, $2.00 each.

Color Sergeant. A fine exhibition variety. Color, a rich, deep salmon-bronze of one shade, not only a distinctive color, but one of the finest colored dahlias. Excellent habit of growth, with perfect stems. Tubers, $10.00 each.

David Rust. A beautiful blending of old rose and yellow, giving a most unusual color effect. The blooms have good, full centers and pleasing formation. Tubers, $1.50 each.

Dr. M. A. Howe. A very attractive variety in form and color, light pink, shading darker at edge of petals; flowers large. Tubers, $1.50 each.

Eagle Rock Beauty. One of the largest of decorative dahlias; a very strong, robust grower; the flowers are produced on long stems; color, amber, pink and cream, making a most beautiful combination; a very attractive variety indeed. Tubers, $10.00 each.

Earl Williams. A fancy variety of splendid form; brilliant crimson scarlet, each petal tipped with white. Tubers, 75c. each; $7.50 per doz.

Eastern Star. Flowers of good substance and are produced on strong, erect stems; color, beautiful soft saffron yellow with old gold shadings: free flowering; good keeping qualities. Tubers, $3.00 each.

El Dorado. Plants are of dwarf habit, producing immense golden yellow blooms. One important feature of this variety is the depth of the flower. Tubers, $2.00 each.

Elite Glory. A most sensational variety; extremely large flowers of a brilliant rich red color; flowers remain in good condition a long while after being cut. Strong grower; unusually heavy stem. Tubers, $5.00 each.

Elizabeth Glendenning. Color, decided oriental, being a pleasing blend of orange, tyrian rose and amaranth pink; large size, good form, full centered, excellent stem. Has been very much admired, and won many prizes at Dahlia Shows. Tubers, $5.00 each.

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NEW DECORATIVE DAHLIA
Calvin Coolidge, Jr.
A popular and attractive
exhibition variety
PRICE $3.50 EACH, POSTPAID

MICHELL'S SUPERB DAHLIAS

SELECT DECORATIVE VARIETIES

Ellinor Vanderveer. A variety of exquisite beauty and large size, color, a glowing, satiny rose pink; long, stiff stems; early bloomer. Tubers, $3.50 each.

Eva Pelicano. An excellent white variety; large flowers on stiff stems; ideal for exhibition. Tubers, $1.00 each.

Eva Williams. An exhibition variety of amethyst color with slight silver shadings; stiff stems; free bloomer. Tubers, $2.00 each.

Faith Garibaldi. A deep rose color, shading lighter on the outer petals; flowers perfect in form and of immense size; an early and continuous bloomer. Tubers, $2.50 each.

F. A. Kent. A beautiful mallow pink, held upright on rigid stems; very attractive. Tubers, $3.00 each.

Francis Seaman. Silvery-rose pink; large, finely-formed flowers held erect on fine stems. Tubers, $1.50 each.

Genevieve Hurley. The blooms are beautifully formed and held on fine, strong, stiff stems. The coloring is delicate shades of rose madder, shading into a deep cadmium yellow center. Tubers, $2.50 each.

Giant Ruby. Beautiful vivid red; enormous flowers with full center, good stem. Excellent for exhibition, also garden decoration. Tubers, $1.50 each.

Greinberg's Oriental. This variety is a great acquisition to our list of Dahlias; plants are of strong, vigorous growth; long, stout stems, enormous flowers; color, beautiful crimson lake, suffused vermillion. Tubers, $5.00 each.

Halvella. A beautiful variety of recent introduction; large size, perfect form and stand erect on long stiff stems; color a beautiful shade of rose pink with a golden sheen; good for both exhibition and cutting. Tubers, $1.00 each.

Harry Mayer. Silvery lavender color; flowers large on long stems; a very attractive variety. Tubers, $10.00 each.

Harry Sheldon, Jr. An extra fine exhibition variety; white center with outer row of petals a beautiful pink; profuse bloomer. Tubers, $3.00 each.

Hercules. Quilled enormous flowers, colored tangerine and deep yellow, the reverse of petals shaded tangerine. Exceptionally free bloomer. Tubers, $1.00 each.

Hermosa. A very attractive variety; large flowers; color, creamy white and pink. Tubers, $3.50 each.

Hortulanus Fiet. An immense flower of wonderful form; a beautiful shade of shrimp pink, with salmon and gold suffusion. Tubers, 40c. each; doz., $4.00.

Insulinde. Immense flowers of a rich, golden orange color and of splendid form; fine for exhibition or cutting; an extra fine variety. Tubers, 75c. each; doz., $7.50.

Jersey Beauty. A famous prize winning variety; blooms are carried high above the foliage on long, strong stems; flowers are of immense size and of a vivid, glowing pink color; a wonderful keeper when cut. Tubers, $1.00 each.

Jersey's Ideal. An immense bloom of deep lavender pink. The flowers are carried on good stems, are very large and of splendid formation; free bloomer. Tubers, $5.00 each.

Jersey Jewel. A new shade of orchid or mauve pink; very large, long petaled flowers, on good stems. A splendid exhibition variety. Tubers, $3.50 each.



Decorative Dahlia, Halvella

Kitty Dunlap. This wonderful variety is one of the most popular and should be in every collection; color a delightful shade of carmine rose with a brilliant suffusion; stems long and stiff. Tubers, $1.00 each.

Lady Lyndora. Color, a soft pleasing shade of pink; plants of dwarf, bushy growth; flowers large; free bloomer. Tubers, $7.50 each.

Lyndora. A charming variety; medium yellow with suffusion of amaranth pink on the reverse of petals; flowers large and of fine form; long, wavy petals which show just enough of the pink in reverse to brighten and illuminate the whole flower; strong grower; good stems. Tubers, $7.50 each.

Margaret Masson. This variety has been awarded many prizes; a wonderful exhibition variety, of a beautiful silvery pink, of great depth and size; stiff stems; an excellent keeping variety. Tubers, $3.00 each.

Margaret Woodrow Wilson. A large variety having broad petals well placed, terminating in points making a very thick flower; color, opalescent pink (meaning the reverse of petals are so colored as to reflect a pink tone to the whole flower). Strong, upright stems. Tubers, $4.00 each.

Marie Louise. A very striking variety; large double flowers, of a beautiful yellow with a faint touch of salmon pink on the outside petals. Tubers, $2.00 each.

Marmion. Flowers of enormous size; color, pure golden yellow with bronze suffusion on reverse of petals; perfect form; good bloomer. Tubers, $7.50 each.

M. H. De Young. Color, pure old gold with slightly higher colored center; a splendid exhibition variety or for the garden Tubers, $4.00 each.

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MICHELL'S SUPERB DAHLIAS

SELECT DECORATIVE VARIETIES

Miss Bridgeton. Large flowers of fine form on good stems; color, deep pink with a suffusion of violet. Tubers, $1.50 each.

Miss California. A large, perfectly formed variety, of a beautiful new color, known as oriental fuchsia; stems long; an excellent keeper when cut. Tubers, $4.00 each.

Moonlight. Large, massive flowers; light primrose yellow or cream color, strong stems holding the flowers erect. Tubers, 75c. each; doz., $7.50.

Mr. Alex. Waldie. An attractive variety; flowers large on fine stems; color, a creamy ground overlaid with delicate salmon pink. Tubers, $1.00 each.

Mrs. Alvin A. Parker (*Hybrid-Decorative*). Beautiful orange-flame; flowers very large on long, stiff stems. A free bloomer; has met with great favor wherever exhibited. Tubers, $2.00 each.

Mrs. Carl Salbach. One of the best for exhibition purposes, and also in great demand as a cut flower; immense blooms; color, solferino pink with white suffusion. Tubers, 35c. each; doz., $3.50.

Mrs. Eleanor Martin. A prize winning variety of giant size; color, a beautiful mulberry, suffused gold; flowers of elegant form. Tubers, $3.00 each.

Mrs. Hugo Kind. Extra large flowers of a rich shade of red, bright velvety carmine reflex. Tubers, 75c. each; doz., $7.50.

Mrs. I. De Ver Warner. Immense flowers on long stems, are of perfect form and of a lovely mauve pink color; early and free bloomer. Tubers, 50c. each; doz., $5.00.

Mrs. John Scheepers. Upon opening the flowers are clear, canary yellow which gradually changes to a delicate pink suffusion on outer petals. Tubers, $1.00 each.

Olive Reed. Massive blooms of great substance on strong stems; color a clear shade of yellow. Tubers, $5.00 each.

Paradise. Cream white, overlaid old rose and gold. Tubers, $1.50 each.

Patrick O'Mara. Plants of excellent habit, free flowering; color, rich, chrome yellow with salmon red suffusion. Tubers, 35c. each; doz., $3.50.

Perella. Bright rose pink; flowers large and very attractive. Tubers, $7.50 each.

Pond Lily. Plant of medium height and a profuse bloomer; large flowers, facing upwards; color, pink, suffused purple. Tubers, $2.00 each.

Pride of San Francisco. Flowers large on stiff stems and of perfect form; salmon pink, suffused soft rose towards the tips of outer petals and with golden base. 75c. each; doz., $7.50.

Pride of Wayne. Flowers of enormous size, on stiff stems; rich plum color. A fine exhibition variety. Tubers, $1.00 each.

Robert Treat. Similar in color to the American Beauty Rose. Plants are strong, healthy growers of spreading habit; flowers extra large, on long stems. Tubers, $1.50 each.

Rodman Wanamaker (*Decorative-Peony*). A wonderful color effect in autumn shades and tints; buds are light lemon yellow and as each petal expands the color changes to golden salmon with bronze suffusion. Tubers, $2.50 each.

Roman Eagle. A large exhibition variety of a flaming, brilliant burnished copper color; profuse bloomer. Tubers, $2.50 each.

Rookwood. A distinct variety in every way; early and free flowering; petals peculiarly curled or twisted; a pleasing shade of cerise rose which does not vary the entire season. One of the finest. Tubers, $1.50 each.

Rosa Nell. A grand variety; color clear, bright rose; flowers large, perfectly full and double; continuous bloomer. Tubers, 75c. each; doz., $7.50.

Sagamore. Rich amber gold, shaded toward the center with salmon rose or orange buff. Tubers, $2.00 each.

Shirley Oliver. The flowers which are of immense size are of a lovely light rose pink, with yellow at base of petals; long, stiff stems. Tubers, $2.50 each.



Decorative Dahlia, T. A. Leonard

Sole Mio. Color, a rich deep yellow with a suggestion of apricot; dwarf habit; perfect stems. Tubers, $3.50 each.

Susan G. Tevis. This variety has a distinctly new color tone, best described as a shade of lilac with a bluish sheen; narrow, flat, pointed petals. Blooms early and continues perfect to the end of the season. Tubers, $1.50 each.

The U. S. A. A distinct variety; color, pure deep orange; large size and of good form; free bloomer. Tubers, $1.00 each.

Tommy Atkins. Brilliant flaming scarlet with golden metallic lustre; long stems; early flowering. Tubers, $1.00 each.

T. A. Leonard. A large, early flowering variety of a glistening and luminous cerise or crimson-carmine; very free bloomer. Tubers, $1.00 each.

Trentonian. A giant variety that appeals to anyone. The color is a wonderful blending of old gold, amber and coppery bronze, with a center zone of bronze. Highly recommended for garden or exhibition. Tubers, $2.00 each.

Valley Forge. Flowers of enormous size on stiff stems; color, light purple tinted with white. Fine for exhibition and all purposes. Tubers, $1.50 each.

Venus. Creamy white, suffused lavender; a low growing bush with flowers carried well above the foliage on long stems; a profuse bloomer; excellent keeper. Tubers, 60c. each; doz., $6.00.

Waldheim Sunshine. A most remarkable variety; deep yellow, reflex darker; long, wavy and twisted petals; stems long, flowers face upright; free bloomer. Tubers, $25.00 each.

White Sister. A beautiful white variety that has attracted the attention of expert dahlia growers on account of its beauty and size; free bloomer on long stems. Tubers, $2.00 each.

Wizard of Oz. Of large size and fine form; very profuse bloomer; color, a rare shade of glowing amber pink or soft salmon shades. Tubers, $2.00 each.

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MICHELL'S SUPERB DAHLIAS

SELECT HYBRID CACTUS VARIETIES

Atlantic Ocean. Full flowers with long, pointed and folded petals, slightly curving; color, canary yellow; free bloomer; good stem. Tubers, $1.50 each.

Cigarette. A distinct and attractive color, creamy white heavily edged with orange red; petals long, narrow and inclined to roll, forming a large, deep, well-shaped flower on long stems. Tubers, $1.00 each.

Cinderella. Pale salmon or fawn pink, shading to a tan center; long, tubular and pointed petals; flowers large on long stems. Tubers, $2.50 each.

Daddy Butler. An exceptionally fine exhibition variety; petals rolled; color is of the American Beauty rose shades, or rosy carmine, with reverse of petals a lighter tint; profuse bloomer. Tubers, $1.00 each.

Eagle Rock Jewel. Cream overlaid shell pink; flowers large, of excellent form and with strong stems; a very fine exhibition variety. Tubers, $30.00 each.

Emma Marie. Clear violet rose with creamy white center; large flowers on straight stems; fine for exhibition and a wonderful cut flower. Tubers, $1.25 each.

Esther R. Holmes. A wonderful orchid pink variety and a prize winner; a most graceful flower on good stems; excellent for cutting. Tubers, $1.00 each.

Esther Hunt. Large flowers, with well rolled petals; color, vivid oriental orange. Tubers, $1.50 each.

George Walters. Salmon pink suffused with gold at center; large flowers produced freely on long stems. Tubers, 50c. each; doz., $5.00.

Gladys Sherwood. An immense white prize winning Dahlia; deep and full to the center; long, wide, pointed petals; recommended for the show or garden. Tubers, $1.00 each.

Glory of California. Lemon yellow; large and attractive flowers on long stems. Tubers, $2.50 each.

Helen May. Pink with scarlet shading; fine flowers and very much admired. Tubers, $1.00 each.

Ismalia. Velvety maroon shading to red; very large, splendid form, good stem, doubtless one of the best of its color. Tubers, $1.50 each.

Jean Chazot. An autumn tinted variety of fine form; color a beautiful golden bronze slightly suffused nasturtium red; blooms early and continuous; a fine exhibition variety and excellent for cutting. Tubers, 50c. each; doz., $5.00.

La Favorita. A most brilliant orange color; stems long; flowers large. Tubers, 50c. each; doz., $5.00.

Laurine. Color, deep pink; flowers large and held erect on long stems. Tubers, $1.00 each.

Lecian von Bernuth. Flame color shading to yellow center; flowers very large on long stems. Tubers, $1.50 each.

Mariposa. Beautiful shade of true pink; center intensified and suffused with a faint violet; narrow, incurved petals; a sturdy grower and a great favorite. Tubers, $1.00 each.

Miss Underwood. Beautiful pure white variety; flowers large and of fine form. Tubers, 75c. each; doz., $7.50.

Moorestown Melody. A large, long petalled variety. Color golden orange, with tints of golden amber; early and free bloomer. Tubers, $5.00 each.

Mrs. Henry T. Holladay, Jr. Large flowers on stiff wiry stems; color, dull crimson dusted with silver. Tubers, $1.00 each.

Mt, Shasta. A light shell pink with a faint tinge of yellow showing towards the center; an extra fine, full deep flower of large size. A fine all purpose dahlia. Tubers, $1.00 each.

Paul Michael. A large exhibition variety; beautifully formed petals which are pointed, curled and twisted; color, pure gold, shaded orange-buff at center. Tubers, $1.00 each.



Hybrid Cactus Dahlia, Resalada

Resalada. An entirely new color in dahlias and rather difficult to describe; amber, brown or coffee will give some idea of the color. Large blooms very graceful in formation, held perfectly above the medium tall plants, on straight stiff stems. Tubers, $3.50 each.

Silverado. Flowers very large; white with violet tinted center; much admired at shows. Tubers, $7.50 each.

Siskiyou. Pink tinged mauve; one of the largest varieties; has created a sensation wherever exhibited. Tubers, $2.50 each.

Snowboy. Pure, clear solid white; petals closely rolled and well placed; center well formed; flowers large; a good grower and free bloomer; excellent for cutting. Tubers, $4.00 each.

Temerosa. Lavender suffused with cream; flowers large and of fine form. Tubers, $3.50 each.

Theodore Roosevelt. An attractive variety which has proven itself worthy of a place among the best. The flowers, which are large, are a beautiful shade of lemon yellow, deepening towards the center, which is often hidden by a wealth of incurved petals; free bloomer. Tubers, $1.50 each.

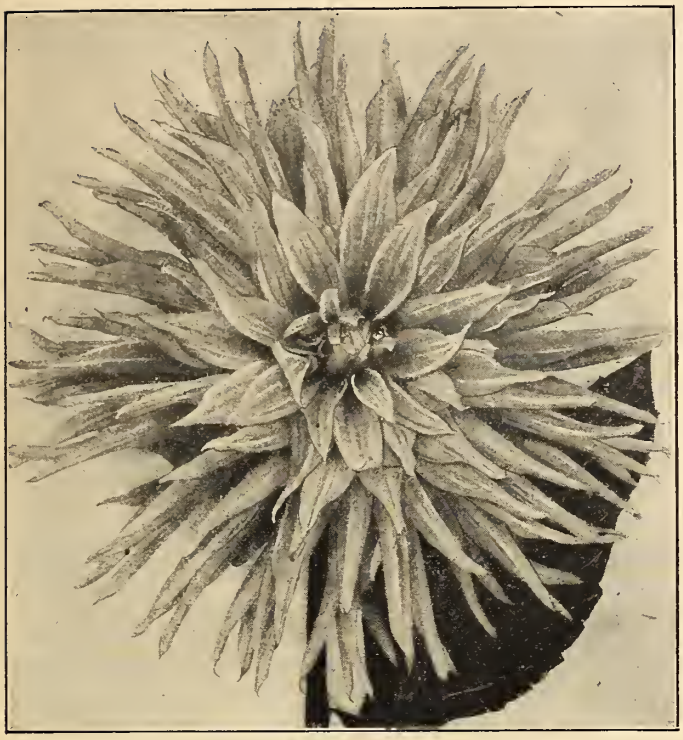
Wissahickon. A splendid new variety; red tipped buff; eight inches across and produced freely on good stems. Tubers, $1.00 each.

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See Page 86 for Michell's Prize Winning Dahlias

MICHELL'S SUPERB DAHLIAS

SELECT CACTUS VARIETIES



Cactus Dahlia, Ambassador

Amber Glow. Color, bright yellow deepening to orange at center; flowers large; free bloomer; an exhibition and cut flower variety. Tubers, $1.00 each.

Ambassador. Soft yellow buff shaded salmon pink, center canary yellow; large flowers held erect above foliage on strong stems. A strong grower and free bloomer. Tubers, $1.50 each.

Attraction. A gigantic variety and one of the best cut flower sorts; a deep full flower of a clear lilac rose; long, stiff stems. Tubers, 40c. each; doz., $4.00.

Betty Austin. Rosy carmine, shading yellow at base and tips of petals; flowers held well above the foliage on erect slender stems. Tubers, 40c. each; doz., $4.00.

Ellis A. Gimbel. A large variety of beautiful form; color clear chamois, without tinting or shading; bushes are strong and vigorous and the stems long; a very graceful variety. Tubers, $2.00 each.

F. W. Fellows. Flowers are of unusual size for the long, narrow-petaled type; color, orange scarlet; this variety should be in every collection. Tubers, 45c. each; doz., $4.50.

Gladys Bates. Immense blooms with incurved petals of tan, with a reverse of rose; flowers of perfect form on long stems. Tubers, 75c. each; doz., $7.50.

Kalif. Flowers of perfect cactus form and very large; color, pure deep scarlet; an old favorite and a good cut flower. Tubers, 45c. each; doz., $4.50.

Lolita Velasco. Truly a perfect white variety; extremely long petals; excellent center and immense size. Tubers, $1.00 each.

Marie Doucet. Light pink; flowers large and of good form. Tubers, 35c. each; doz., $3.50.

Mae Grefe. Pure pink shading to rose pink, lighter at center and tips of petals. Tubers, $1.00 each.

Mary Dorr. Bright tyrian pink blending to white at center and tips of petals; a splendid garden and exhibition variety. Tubers, 60c. each; doz., $6.50.

Mme. Eschenauer. Sulphur white suffused lilac; good stems. Tubers, 35c. each; doz., $3.50.

Mrs. C. H. Breck. Yellow shaded old rose; large flowers. Tubers, 35c. each; doz., $3.50.

Mrs. Edna Spencer. Large flowers of a most delicate lavender pink color with white suffusion; one of the best for cutting. Tubers, 35c. each; doz., $3.50.

Mrs. Ethel F. T. Smith. Creamy white, shading to a lemon tint in the center. Immense flowers held well above the foliage on strong stems. Tubers, 75c. each; doz., $7.50.

Mrs. Leo Niessen. Full flowers, yellow at base, suffused and tipped rich bronzy red. Tubers, 35c. each; doz., $3.50.

Nibelungenhort. Petals curled and twisted; color, a beautiful shade of old rose with golden apricot suffusion Tubers, 50c. each; doz., $5.00.

Papillon. A beautiful shade of old rose with golden lights; flowers large; a fine exhibition variety. Tubers, $1.50 each

Pink Rosebud. A very choice pink variety; fine for cutting. Tubers, $1.00 each.

Radium. Yellow striped red; good form; long stems. Tubers, 35c. each; doz., $3.50.

Sunset Glow. A profuse bloomer, which holds a full center. One of the pleasing autumn shades, yellow at base of petals, suffused scarlet and tipped yellow. Tubers, 45c. each; doz., $4.50.

Sweet Briar. An attractive pink variety; excellent for cutting. Tubers, 40c. each; doz., $4.00.

Thomas Oberlin. Intense scarlet; good size flowers on long stems. Tubers, 40c. each; doz., $4.00.

Wodan. Long, gracefully twisted petals of a pleasing delicate salmon-rose color, shading to old gold in the center. Tubers, 35c. each; doz., $3.50.

SELECT SHOW VARIETIES

These are the old-fashioned quilled double, ball-shaped flowers, full to the center.

American Beauty. Brilliant crimson red, suffused French purple; very showy. Tubers, 40c. each; doz., $4.00.

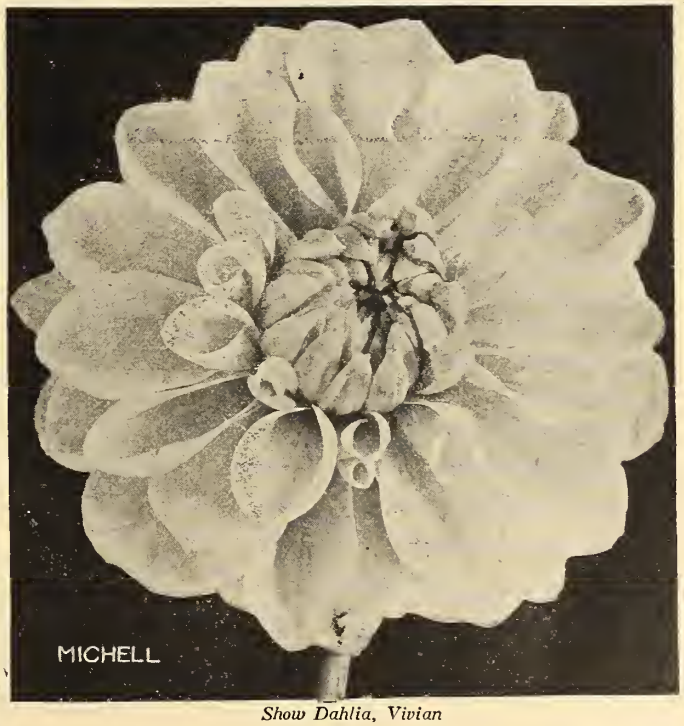
Enchantress. Color a beautiful enchantress pink. Tubers, 40c. each; doz., $4.00.

Dreer's Yellow. A beautiful rich yellow of perfect form; blooms well above the foliage. Tubers, 35c. each; doz., $3.50.

Gold Medal. Deep golden yellow, tipped and suffused oriental red; splendid form; very striking and effective. Tubers, 50c. each; doz., $5.00.

Kissimmee. Color, a wonderful blending of yellow, gold and ochre; reflex pale amaranth pink; petals partially quilled. Excellent for exhibition, garden or for cutting. Tubers, 50c. each; doz., $5.00.

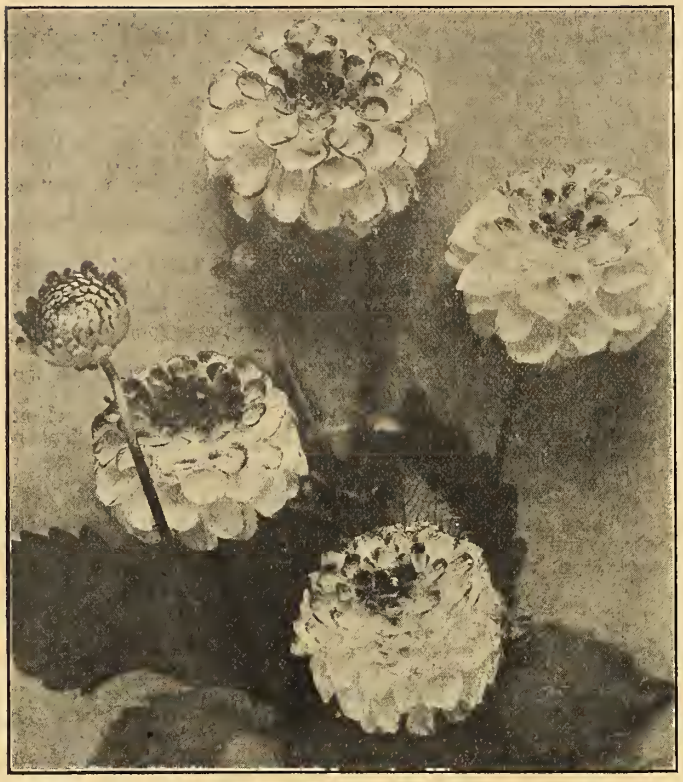
Vivian. White suffused pink and tipped with carmine; long stems. Tubers, 35c. each; doz., $3.50.



Show Dahlia, Vivian

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MICHELL'S SUPERB DAHLIAS



Pompon Dahlia, Alewine

SELECT POMPON VARIETIES

These are a miniature form of the Show Dahlias, having the same ball-like form, but much smaller in size. They are becoming very popular and in great demand for table decorations and cutting.

Alewine. Delicate pink tinted lilac. Tubers, 30c. each; doz., $3.00.

Arbutus. A beautiful shade of pink; a showy variety; good stems. Tubers, 40c. each; doz., $4.00.

Darksome. A very dark red variety. Tubers, 50c. each; doz., $5.00.

Klein Domitea. Bright, golden terra cotta; of fine form and a profuse bloomer. Tubers, 25c. each; doz., $2.50.

Lassie. Yellow base, old rose shadings. Tubers, 30c. each; doz., $3.00.

Little Herman. Dark red with each petal tipped white. Tubers, 25c. each; doz., $2.50.

Little Jewel. A small pink variety; very attractive and excellent for cutting. Tubers, 75c. each; doz., $7.50.

Rothaut. Color a beautiful red; medium size flower. Tubers, 30c. each; doz., $3.00.

Snowclad. Pure white; fine form; free bloomer. Tubers, 25c. each; doz., $2.50.

Tom Thumb. A California liliputian variety; a beautiful garnet shade; perfect stems. Tubers, 50c. each; doz., $5.00.

SELECT SINGLE VARIETIES

Alva. Large flowers on long stems; color, red. Tubers, 35c. each; doz., $3.50.

John Lucas. An attractive shade of apple blossom pink; good bloomer. Tubers, 50c. each; doz., $5.00.

Nymphea Century. Flowers white, shading to yellow toward the center. Tubers, 25c. each; doz., $2.50.

Praxatillis. Maroon tipped white. Tubers, 25c. each; doz., $2.50.

Rantendlein. A white variety, having each petal narrowly margined deep crimson on each side. Tubers, 25c. each; doz., $2.50.

Twentieth Century. Pink shading to white. Tubers, 25c. each; doz., $2.50.

SELECT PEONY VARIETIES

This type of dahlia has become very popular; they are of large size, with broad petals, which are generally curled and twisted.

Barbara Latz. Large and a free bloomer; fine upright stems; color, a soft yellow tone; very showy. Tubers, 75c. each; doz., $7.50.

City of Portland. Color, clear deep rich yellow; free bloomer. Tubers, 75c. each; doz., $7.50.

Mme. Bystein. Pure lilac lavender; large size and lovely form. Tubers, 35c. each; doz., $3.50.

El Pajario (*Peony-Decorative*). Light pink shaded rose pink; large flowers on long stems. Tubers, $2.50 each.

Illuminator. Brilliant red flowers of very large size. Tubers, $1.00 each.

Miss Eleanor M. Winter. Yellow blended with pink; suitable for show or garden. Tubers, $1.00 each.

Mrs. David M. Sherk. Enormous flowers of cream suffused with cerise, a beautiful combination of colors; good stems; free bloomer and excellent keeper; a good exhibition variety. Tubers, $2.50 each.

Mrs. J. T. Marean. Flowers of large size, carried on wiry stems; color, beautiful old rose, with golden shadings at base of petal; profuse bloomer. Tubers, $2.50 each.

Pacific Glow. Immense size flowers; petals long and twisted; color, soft pink. Tubers, 75c. each; doz., $7.50.

Queen Elizabeth. A perfectly formed flower of a clear violet rose. Tubers, 35c. each; doz., $3.50.

Vivandiere. Cerise carmine, shading lighter at the tips of the petals; the flower has a velvety texture, making it very desirable; free bloomer; good stems. Tubers, $1.00 each.

Zeus (*Peony-Decorative*). Large flowers of beautiful form; color rich glowing red, each petal tipped yellow. Tubers, $3.50 each.

SELECT COLLARETTE VARIETIES

Albert Maumerne. Velvety crimson purple, margined white, collar white. Tubers, 25c. each; doz., $2.50.

Maurice Rivoire. Medium sized flowers with broad petals. Rich crimson maroon with white fringed collar. Tubers, 25c. each; doz., $2.50.

Traymore. Bright red with yellow collar. Tubers, 25c. each; doz., $2.50.

DAHLIAS TO COLOR

Cactus, Decorative and Show.

Though named sorts, these are not labeled to variety; furnished in the following types and colors:

	Each	Doz.		Each	Doz.
Pink	$0.25	$2.50	**White**	$0.25	$2.50
Red	.25	2.50	**Yellow**	.25	2.50

Single roots of Dahlias mailed free. If 6 of a variety which take the dozen rate are wanted by Parcel Post, add 20c. for postage; if 12 are wanted by Parcel Post, add 30c. for postage.

FANCY LEAVED CALADIUMS

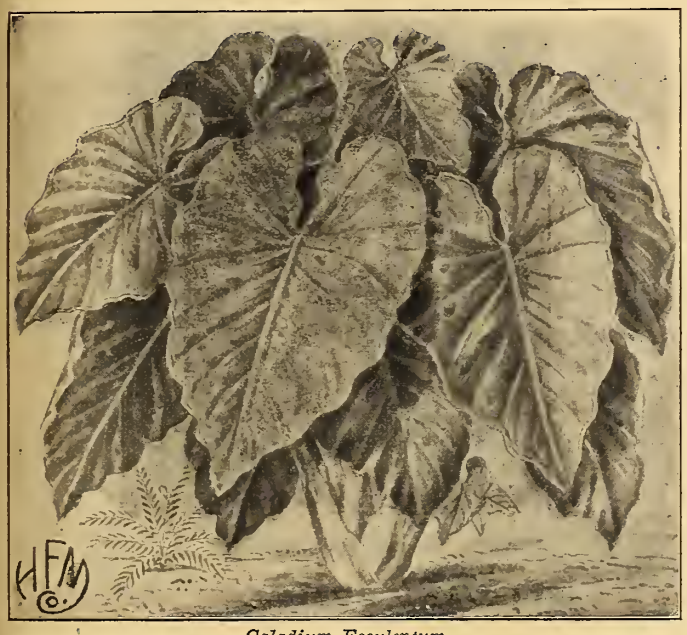
These are grown for us by one of the leading Hybridizers. They are charming conservatory plants. Being of a tropical nature, they like a warm temperature. They do quite well outdoors during the summer, if planted in a shaded place. The foliage covers a wide range of colors, making a grand display. The bulbs should be started in moss with plenty of bottom heat.



Fancy Leaved Caladiums

Price of Fancy Leaved Caladiums, strictly first size bulbs, in named varieties. 35c. each; doz., $3.50 (by parcel post, $3.60); $20.00 per 100.

Mixed Varieties. 30c. each; doz., $3.00 (by parcel post, $3.10); $18.00 per 100.



Caladium Esculentum

CALADIUM ESCULENTUM (Elephant's Ear)

As centerpieces in flower beds or for specimens on the lawn, Caladiums are fine. Do not plant outdoors until after May 1st, but to get them in early growth, they may be started indoors.

	Each	By P.P.	Doz.	By P.P.
Monster Bulbs, 12 in. circum. and up	$0.50	$0.60	$4.00	$4.35
Mammoth Bulbs, 9–11 in. circum.	.25	.35	2.75	3.00
First Size Bulbs, 7-9 in. circum.	.20	.25	2.00	2.20

CANNAS (See Page 85)

CINNAMON VINE

Free growing climber, with small white flowers deliciously scented; makes a quick, dense shade. Extra strong roots, 10c. each; doz., $1.00 (by parcel post, $1.10); $7.00 per 100.



Yellow Calla *Spotted Calla*

CALLAS

Splendid as a pot-plant for the window garden or for growing outdoors, preferring a shaded location. May be started inside any time prior to May 1st, after which they can be safely planted out.

	Each	Doz.	100
Elliottiana. Yellow flower as large as the common white Calla; spotted leaf.			
First Size Bulbs	$0.30	$3.00	$20.00
Mammoth Bulbs	.40	4.00	30.00
Spotted. Flowers white; foliage green, spotted white	.35	3.50	25.00

If wanted by parcel post, add 15c. per doz. for postage.



Gloxinias

GLOXINIAS

A gorgeous plant either for the conservatory or garden. They prefer a moist soil and a shady situation. Bulbs may be started as early as January, but should not be set outdoors until after May 15th. We offer extra fine large bulbs.

If wanted by Parcel Post, add 10c. per doz.; 25c. per 100.

	Each	Doz.	100
Purple	$0.40	$3.75	$27.50
Rose	.40	3.75	27.50
Spotted	.40	3.75	27.50
Choice Mixed Colors	.40	3.75	27.50

MICHELL'S SUPERB GLADIOLUS

There is no other Summer flowering bulb that is enjoying so great popularity as that of the Gladiclus. Their adaptability to garden decoration or to use as cut flowers during the Summer and early Autumn is surpassed by no other flower. They are not only showy in the garden but when cut with the first flower open, will last for 10 days in the house. They thrive in almost any good garden soil but better results may be had if soil is well prepared and enriched with some of our pulverized manures. Great improvements have been made in the size, color and beauty of these flowers. Our list comprises the best of recent introductions as well as the most popular of the standard varieties. Plant bulbs 4 inches deep and from 4 to 6 inches apart.

If Gladiolus Bulbs are wanted by Parcel Post, add 10c. per doz., 30c. per 100, for postage; larger quantities by express.

CANNAS, DAHLIAS AND GLADIOLUS

A comprehensive treatise on these important popular flowers. Free on request.

MICHELL'S COLOR PLATE GLADIOLUS

Anna Eberius. An extra fine variety; color rich velvety purple with a deep purplish red blotch on the lower petals; flowers large, on long spikes.
10c. each; doz., $1.00; $7.00 per 100.

Byron L. Smith. Lavender pink on white ground. This variety is often referred to as the **"Orchid Colored Glad."** It grows with good form and the stems are rather slender which adds to its grace.
12c. each; doz., $1.25; $8.00 per 100.

Crimson Glow. One of the best scarlet varieties, throat overlaid with a velvety scarlet blotch. Large wide open flowers with enough open at a time to make it attractive; good form and keeps well as a cut flower.
12c. each; doz., $1.25; $8.00 per 100.

E. J. Shaylor. A tall, strong growing variety with large flowers; color, a beautiful shade of pure deep rose-pink with well ruffled edges; one of the best of its color.
12c. each; doz., $1.25; $8.00 per 100.

Fair Columbian. Mallow purple, shading lighter in throat; a magnificent flower produced on tall, stately spikes, many blooms opening at one time. Excellent for forcing, flowering very early.
15c. each; doz., $1.25; $8.50 per 100.

Flora. A clear golden yellow variety; a strong grower with large spikes of flowers of immense size; a splendid cut flower variety.
15c. each; doz., $1.35; $9.00 per 100.

Golden Measure. Tall spike with many large, pure golden yellow flowers; several of the flowers are in bloom at one time; a winner at exhibitions.
20c. each; doz., $2.00; $12.50 per 100.

Mary Pickford. Delicate creamy white, throat finest sulphur yellow; very distinct and beautiful.
12c. each; doz., $1.25; $8.00 per 100.

Mrs. Dr. Norton. Very large flowers well set on a tall and graceful spike with 4 to 8 flowers in bloom at one time. Color, white, with edges of petals suffused with soft La France pink; tall grower; splendid cut flower variety.
10c. each; doz., $1.00; $7.50 per 100.

Scarlano. Scarlet blotched ox-blood red in throat; beautifully ruffled; a fine acquisition.
10c. each; doz., $1.00; $7.50 per 100.

COLOR PLATE COLLECTION

		By P.P.
1 each of above 10 varieties,	10 bulbs	$1.00
6 each of above 10 varieties,	60 bulbs	5.50 $5.70
12 each of above 10 varieties,	120 bulbs	10.50 10.85
25 each of above 10 varieties,	250 bulbs	20.50 By exp.



Gladiolus, Evelyn Kirtland

BLUE AND PURPLE SHADES

Baron Hulot. Large full flowers, well arranged on long spikes. Color is a deep indigo blue, slightly marked white at the base of the throat.
12c. each; doz., $1.25; $8.00 per 100.

Duchess of York. Large blue flowers, on long spikes.
15c. each; doz., $1.50; $10.00 per 100.

Herada. Blooms of immense size on tall straight spikes; color, pure mauve shading to pink in throat. An unusual color and very effective as a cut flower.
10c. each; doz., $1.00; $7.50 per 100.

Louise. The large well formed flowers are a beautiful shade of lavender growing lighter toward the center. A decided acquisition.
15c. each; doz., $1.50; $10.00 per 100.

Purple Glory. Large, ruffled flowers; color, velvety maroon slightly flaked pansy-purple. A large, strong growing variety.
25c. each; doz., $2.50; $16.50 per 100.



MICHELL'S EXHIBITION GLADIOLUS

No. 1. **Byron L. Smith**	No. 6. **Flora**
No. 2. **Mrs. Dr. Norton**	No. 7. **Scarlano**
No. 3. **Golden Measure**	No. 8. **Crimson Glow**
No. 4. **E. J. Shaylor**	No. 9. **Anna Eberius**
No. 5. **Mary Pickford**	No. 10. **Fair Columbian**

For description and prices see Gladiolus section of this catalog.

MICHELL'S SUPERB GLADIOLUS

If Gladiolus Bulbs are wanted by Parcel Post, add 10c. per doz., 30c. per 100, for postage; larger quantities by express.

PINK SHADES

America. One of the best varieties. The color is a beautiful flesh pink, tinged with lavender; flowers of large size, petals round, thick and strong and will last a long time after being cut; free bloomer. 8c. each; doz., 75c.; $5.00 per 100.

Anthony B. Kunderd. Delicate cream overlaid blush pink, lower petals primrose, flushed pink at edges; heavily ruffled. 20c. each; doz., $2.00; $12.00 per 100.

Arizona. Dark pink with maroon markings on lower petals; fine for forcing and cutting. 10c. each; doz., $1.00; $7.00 per 100.

E. J. Shaylor. See description, page 92.

Evelyn Kirtland. Flowers of strong substance; color, a beautiful Geranium pink, darker at the edges; scarlet blotches on lower petals; well arranged flowers on tall spikes. 10c. each; doz., $1.00; $7.00 per 100.

Giant Nymph. Light pink suffused with cream yellow; large flowers on strong spikes. 25c. each; doz., $2.75; $18.00 per 100.

Halley. Very large, well expanded flowers of a lovely salmon pink; blotched yellow, with carmine markings; very early. 8c. each; doz., 75c.; $5.00 per 100.

Le Marechal Foch. Flowers of immense size, well opened and beautifully ruffled; color, pale pink, flaked and striped deeper at edges of petals. An unusual and striking flower. 8c. each; doz., 75c.; $5.00 per 100.

Mary Pickford. See description, page 92.

Mrs. Dr. Norton. See description, page 92.

Mrs. F. C. Peters. One of the best of the recent introductions. A beautiful shade of rose-lilac with soft crimson blotch. Very large flowers on long stems. 25c. each; doz., $2.50; $15.00 per 100.

Mrs. Frank Pendleton, Jr. Flowers very large; lovely flushed salmon pink, carmine blotches in throat; the blooms are wide open on very wiry stems. 10c. each; doz., $1.00; $7.00 per 100.

Mrs. H. E. Bothin. Shell pink tinted salmon, with scarlet blotch; a beautiful combination of colors; flowers heavily ruffled. 15c. each; doz., $1.50; $10.00 per 100.

Mrs. W. H. Phipps. La France pink overlaid light rose salmon, lower petals slightly striped and speckled. $1.00 each; doz., $11.00; $85.00 per 100.

Odin. Salmon pink with darker blotches on lower petals, early bloomer; a wonderful cut flower variety. 10c. each; doz., $1.00; $7.50 per 100.

1910 Rose. Rose pink with white stripe on lower petals; early bloomer and an excellent cut flower variety. 10c. each; doz., 90c.; $6.00 per 100.

Panama. Color, clear pink with rose center; extra fine flowers on long spikes. 10c. each; doz., 90c.; $6.00 per 100.

Prince of Wales. Beautiful salmon-pink, with pale pink throat; strong, showy spikes; well arranged flowers. 10c. each; doz., $1.00; $7.00 per 100.

Wilbrink. Flesh pink, with creamy white blotch on lower petals; very early; highly recommended for forcing. 10c. each; doz., 90c.; $6.00 per 100.

RED AND SCARLET SHADES

Crimson Glow. See description, page 92.

Early Sunrise. A large flowering variety; color iridescent shade of light red, with golden sheen in throat; early flowering and fine for forcing. 15c. each; doz., $1.50; $10.00 per 100.

Dr. F. E. Bennett. Peach red overlaid flame color, throat finely stippled ruby and white. 60c. each; doz., $6.00; $45.00 per 100.

Lustre. Scarlet suffused nopal red; a gorgeous variety; large, wide open flowers. 20c. each; doz., $2.00; $12.00 per 100.

Mrs. Francis King. A beautiful flame pink with lighter throat. Immense flowers on long spikes; an old favorite cut flower variety. 10c. each; doz., 90c.; $6.00 per 100.

Scarlano. See description, page 92.

Virginia or Scarlet Princeps. Intense scarlet, slightly deeper in throat; extra fine; early and much in demand. 12c. each; doz., $1.25; $8.00 per 100.

War. One of the largest flowered sorts; deep blood red, shaded crimson; fine for late blooming. 10c. each; doz., $1.00; $7.00 per 100.



Gladiolus, Arizona

See color plate of Gladiolus opposite page 92.

MICHELL'S SUPERB GLADIOLUS

If Gladiolus Bulbs are wanted by Parcel Post, add 10c. per doz., 30c. per 100, for postage; larger quantities by express.



Gladiolus, Niagara

WHITE SHADES

Captain Boynton. White suffused lavender, blotched deeper in throat, a very attractive variety. 50c. each; doz., $5.00; $35.00 per 100.

Chicago White. Early, pure white with lavender markings in the throat; early blooming; several flowers open at one time. 8c. each; doz., 75c.; $5.00 per 100.

Dr. J. H. Neeley. White slightly tinted cameo pink, throat cream white lightly shaded canary yellow; massive spikes; large blooms. 30c. each; doz., $3.25; $22.50 per 100.

Lily White. Large flowers; excellent grower and heavy propagator; very early. A fine cut flower for the garden. 10c. each; doz., 90c.; $6.00 per 100.

L'Immaculee. Pure white; early; large spikes; tall strong grower; fine for cutting; many blooms open at one time. 12c. each; doz., $1.25; $8.00 per 100.

Mary Pickford. See description page 92.

Peace. A grand pure white flower with lilac feather on the lower petal; plant robust, enormous flowers; recommended for late planting. 10c. each; doz., 90c.; $6.00 per 100.

Snow Glory. A fine, ruffled white variety, slight trace of violet in throat; flowers very large; vigorous grower. 85c. each; doz., $8.75; $67.50 per 100.

YELLOW SHADES

Fern Kyle. Marguerite-yellow, with primrose-yellow throat; slightly marked amaranth-purple. Very large flowers, wide open, of the finest quality; highly ruffled; a splendid show variety. Winner of many prizes. 60c. each; doz., $6.00; $45.00 per 100.

Flora. See description, page 92.

Golden Measure. See description, page 92.

Niagara. A beautiful shade of rich cream with blending of yellow on inside of lower petals, throat splashed carmine; the individual flowers are very large and are borne in pairs, one opposite the other. 10c. each; doz., $1.00; $7.00 per 100.

Schwaben. Soft pure yellow with purple blotch on lower petals; heavy spike and foliage; an old favorite. 10c. each; doz., 90c.; $6.00 per 100.

Yellow Hammer. Rich, deep yellow, slightly marked with red in the throat. Flowers extra large; excellent for cutting. 10c. each; doz., $1.00; $7.00 per 100.

UNNAMED GLADIOLI (In Separate Colors)

	Doz.	100
White and Light	$0.75	$4.50
Yellow and Orange	.85	5.50
Red	.75	4.50
Pink	.75	4.50

MIXTURES OF GLADIOLUS

Michell's Giant Flowering. Every bulb for this mixture has been selected with the utmost care for coloring and size of flower; no other mixture can boast of such careful selection. Per doz., 75c.; $5.00 per 100; per 1000, $45.00.



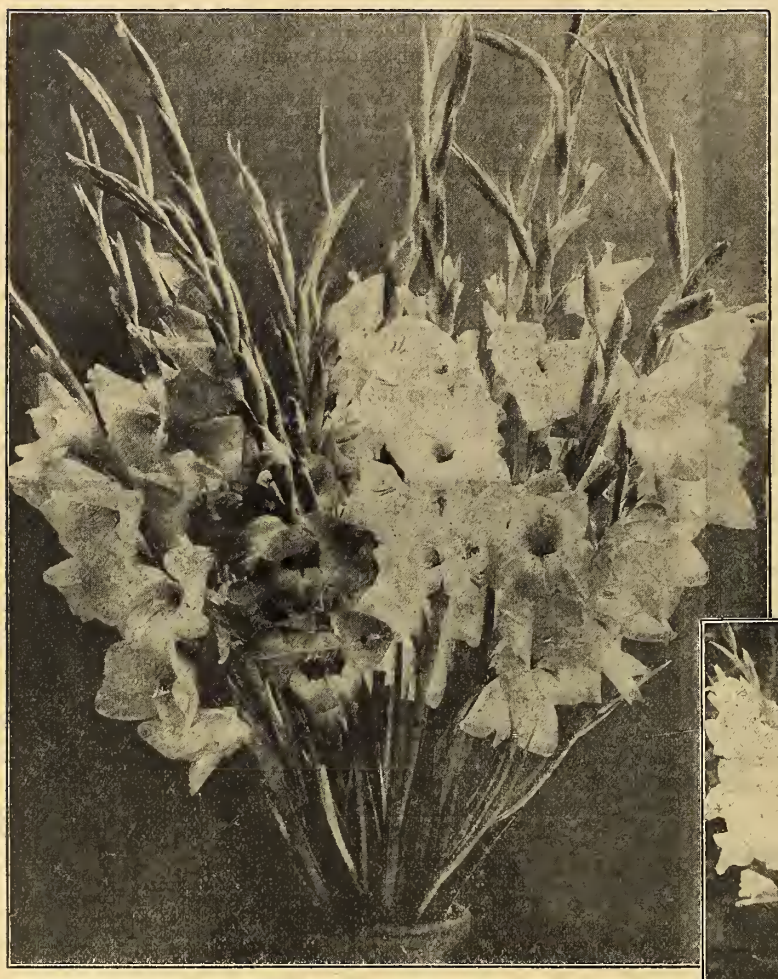
Gladiolus, Golden Measure

MICHELL'S SUPERB GLADIOLUS

PRIMULINUS HYBRID VARIETIES

This class of gladiolus is popular for its early blooming qualities and gracefulness of the flowers, which are of distinct form and of the clearest tones. Especially valuable for cutting for vases and table decorations for which they excel all other gladiolus.

If Gladiolus Bulbs are wanted by Parcel Post, add 10c. per doz., 30c. per 100, for postage; larger quantities by express.



Gladiolus, Primulinus Hybrids

Alice Tiplady. A beautiful and showy large flowering variety; color, orange saffron. 10c. each; doz., $1.00; $6.50 per 100.

Dorothy Wheeler. Rich, rose pink, slightly ruffled with lighter throat; very large open flowers; an easy forcing variety. 12c. each; doz., $1.25; $8.00 per 100.

Jewel. Light salmon pink with golden yellow blotch; large, open flowers. 15c. each; doz., $1.50; $10.00 per 100.

See page 92 for color plate varieties of Gladiolus.

Maiden's Blush. Beautifully formed flowers on long stems; color, enchantress pink; a very dainty flower on graceful spikes; early flowering. 8c. each; doz., 75c.; $5.00 per 100.

Myra. Deep salmon on yellow ground, yellow throat; tall grower; very fine. 10c. each; doz., 90c.; $6.00 per 100.

Salmon Beauty. A very large and showy flower; the color is deep orange-salmon with a rich salmon-yellow throat. 10c. each; doz., $1.00; $7.00 per 100.

Souvenir. A beautiful and attractive variety; color, deep salmon, tall-stemmed large flowers facing forward; early flowering. 12c. each; doz., $1.25; $8.00 per 100.

Primulinus Major Hybrids, Mixed. This mixture is made up from the newest hybrids and contains the most beautiful and delicate tints, making the most harmonious blendings. 8c. each; doz., 75c.; $5.00 per 100.







Garden Lily Culture is covered by our book "Garden Pointers" and Bulb Growing Guide, ask for free copies.

If Lily Bulbs are wanted by Parcel Post, add 25c. per doz. for postage.

JAPANESE LILIES

Auratum (*Golden Banded Lily*). Enormous, measuring frequently 8 to 12 inches across; pure white, spotted crimson, each petal marked in the center with a band of yellow. Flowers in August; delightfully fragrant.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circum.	$0.40	$3.50	$25.00
Mammoth Bulbs, 9 to 11 inch circum.	.50	5.00	38.00
Monster Bulbs, 11 to 13 inch circum.	.60	6.50	47.50

Speciosum Album. The best late flowering pure white hardy garden lily; of easy culture. The graceful stems and foliage are set off to wonderful advantage by the pure white blooms.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circum.	$0.65	$6.50	$50.00
Mammoth Bulbs, 9 to 11 inch circum.	.95	9.75	75.00
Monster Bulbs, 10 to 12 inch circum.	1.50	14.50	110.00

Speciosum Magnificum. An enormous flower; rich deep pink spotted crimson; height, 3 feet; flowers in August.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circum.	$0.40	$3.50	$25.00
Mammoth Bulbs, 9 to 11 inch circum.	.50	5.00	38.00
Monster Bulbs, 11 to 13 inch circum.	.60	6.50	47.50

Speciosum Melpomene. Deep pink, spotted red.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circum.	$0.40	$3.50	$25.00
Mammoth Bulbs, 9 to 11 inch circum.	.50	5.00	38.00
Monster Bulbs, 11 to 13 inch circum.	.60	6.50	47.50

Speciosum Rubrum or Roseum. Delicate pink, almost white, spotted red; one of the old garden favorites; height, 3 feet; flowers in August and September.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circum.	$0.40	$3.50	$25.00
Mammoth Bulbs, 9 to 11 inch circum.	.50	5.00	38.00
Monster Bulbs, 11 to 13 inch circum.	.60	6.50	47.50
Tigrinum Splendens (*Tiger Lily*). Orange, spotted black; double	.30	3.25	22.50
Tigrinum Splendens. Single	.30	3.25	22.50



MICHELL'S HARDY GARDEN LILIES

JAPANESE LILIES—Continued

(Miscellaneous Varieties)

	Each	Doz.	100
Batemanni. Apricot colored; 3 feet; July	$0.45	$4.00	
Brownii. White inside, outside brown	.75	7.50	
Hansoni. Often grows from 3 to 5 feet high; reddish orange, 8 to 12 in a cluster	.75	7.50	
Henryi (*Yellow Speciosum Lily*). Tall grower, often 7 feet; produces flowers of a distinct orange yellow in great profusion	.75	7.50	
Krameri. Blush pink; 3 feet; August	.50	4.50	
Macranthum. Giant Golden Banded Lily	.60	6.00	
Wittei. Very fragrant; white, yellow band	.80	8.00	

AMERICAN OR NATIVE LILIES

	Each	Doz.	100
Canadense (*Canadian Bellflower Lily*). Bright yellow flowers, spotted black inside; June and July; 2 feet	$0.25	$2.00	$15.00
Canadense Rubrum. Same type as above; crimson with black spots	.40	3.50	25.00
Davuricum. Upright scarlet flowers	.40	3.50	25.00
Elegans Mixed. Shades of orange	.30	2.50	15.00
Elegans, Leonard Joerg. Rich apricot pink	.30	3.00	17.50
Pardalinum. Orange, spotted crimson	.35	3.50	25.00
Superbum (*Turks' Cap Lily*). Grows from 3 to 6 feet high and produces from 15 to 25 orange red flowers on a stalk	.35	3.50	25.00
Wallacei. Bright apricot	.20	2.00	12.00

HARDY LILIES BY PARCEL POST
Single bulbs mailed free; allow 25c. per doz. for postage.



Lily of the Valley



Lily Regale

REGALE LILY

(Lilium Myriophyllum)

This variety was discovered in the mountains of China, by Professor Wilson of the Arnold Arboretum of Boston, Mass. For a long while it had been regarded only as a garden Lily, being perfectly hardy; of late years some of the private gardeners have adopted it as a forcing variety and it has more than made good. It promises now to become an important Garden variety and from experiments we know of, and those we have made ourselves, we deem it a splendid addition to the Lily Family.

It possesses many advantages, chief among which are the fact that when forced under glass, and the lilies are cut, the bulb can be planted outdoors and be rejuvenated, or after two years for forcing purposes, it can be left in the garden indefinitely, to be cut during the summer months.

In greenhouses under ordinary conditions, the plant grows about 24 to 30 inches high. It has fine, narrow leaved foliage, of a very dark green shade. Bulbs under glass produce often as many as eight flowers to the bulb, but this depends largely upon the size of the latter and the conditions under which it is grown.

It is procurable usually, from October until June and can be planted any time during that period, requiring three months to bring it in flower.

It is pure, waxy white, with a lemon yellow throat, with a trumpet about 6 inches long and when the flower is fully developed, it is about 7 inches across. The blooms, we might say, are almost leathery in substance; for decoration as a pot plant or for cutting no other variety approaches it. The flower when cut or if left on the plant, possesses wonderful keeping qualities. It has a wonderfully delightful perfume, somewhat resembling the variety, Lil. Auratum, and yet somewhat like a Gardenia. If you want the finest of the hardy lily family, plant some of this variety.

Strong Bulbs, that will flower the first season, 75c. each; doz., $8.00 (by parcel post, $8.25); $60.00 per 100.

LILY OF THE VALLEY

MICHELL'S GIANT FLOWERING (Cold Storage)

These Lily of the Valley pips are suitable for culture in a greenhouse or in the window garden; they are not for planting out doors; for the latter purpose we recommend pips put up in bundles especially for the purpose, offered on page 116. Cold storage Lily of the Valley can be forced into bloom in about 25 days.

Price (for shipment preferably by express), $1.25 per doz.; 25 for $2.00; $7.50 per 100; 250 for $17.50; $32.50 for 500; 1000 for $65.00.



Ismene Calathina

ISMENE CALATHINA
(Pancratium Lily or Peruvian Daffodil)

A choice summer flowering bulb, blooming profusely during the summer. Handsome clusters of large, very striking, fragrant pearly white flowers. Bulbs should be kept warm and dry and planted out the middle of May. They will commence flowering in July. Before freezing weather sets in they should be lifted and kept in a warm dry place. Large bulbs, 25c. each (by parcel post, 30c.); doz., $2.50 (by parcel post, $2.65); $15.00 per 100.

MONTBRETIAS

These are one of the brightest and most attractive of summer flowering bulbs and should be planted extensively. The bulbs should be planted out in the early spring, in clumps of a dozen or more, placing the bulbs 3 to 6 inches apart. They should be protected during the winter with a heavy covering of leaves or litter.

If wanted by Parcel Post, add 15c. per 100 for postage.

	Doz.	100
California. Deep golden yellow	$1.25	$7.00
Crocosmeaflora. Reddish orange, with golden center	1.00	6.00
Fire King. Fiery red	1.50	8.00
King Edmund. Rich golden yellow, with brown markings in throat	1.50	8.00
Rayon d'Or. Large deep golden yellow with red center	1.25	7.00
Mixed	.75	5.00

LYCORIS SQUAMIGERA (AmaryllisHalli)
THE MAGIC LILY OF JAPAN

A perfectly hardy Amaryllis, producing in early spring attractive green foliage, which grows until July, when it ripens off and disappears, but about a month later, the flower-stalks spring from the ground to a height of two or three feet, developing an umbel of large and beautiful lily-shaped flowers three to four inches across and from eight to twelve in number, of a delicate lilac-pink, shaded with clear blue. Cover the crowns about four inches. For the hardy border or for planting among shrubbery, this is a most excellent subject, and should be more generally grown. Strong-flowering bulbs, 75c. each; $7.50 per doz. (by parcel post, $7.75).

MADEIRA OR MEXICAN VINE

This old favorite, also known as "Climbing Mignonette" is a beautiful and popular vine, growing very rapidly and much prized for porches and arbors; leaves heart-shaped and of a light green color; racemes of feathery, white fragrant flowers are produced in profusion. Should be protected with litter during the winter. We offer extra large selected tubers. Price, 10c. each; doz., $1.00 (by parcel post, $1.10); $7.50 per 100.

Easy to grow Bulbs and Blooms when you use
DU PONT SEMESAN
See page 78.



Montbretias



Summer Hyacinth (Hyacinthus Candicans)

SUMMER HYACINTH (Hyacinthus Candicans)

A white summer flowering Hyacinth growing 4 to 5 feet high, each spike bearing from twenty to thirty pure white, bell-shaped flowers. Large bulbs, 20c. each; doz., $1.75 (by parcel post, $1.90); $12.50 per 100.



Oxalis Lasiandra

OXALIS (Summer Blooming)

Valuable for edging the borders of walks or flower beds.

Deppei. Small white flowers.

Lasiandra. Rosy pink; beautiful cut foliage.

Shamrock. Clover like foliage; pink flowers.

Either of the above, doz., 20c.; $1.25 per 100 (by parcel post, $1.35).



TUBEROSES

One of the most fragrant and popular of summer flowering bulbs. For flowering in the open, plant about the middle of May.

Double Pearl. Pure white, first size bulbs, 7c. each; doz., 75c. (by parcel post, 90c.); $5.00 per 100.

Double Pearl Mammoth. Extra large selected bulbs. 12c. each; doz., $1.25 (by parcel post, $1.45; $9.00 per 100.

Albino, or Mexican. Single white, blooming in July and August. A very free-flowering variety. The odor is less pronounced than in the double varieties. 7c. each; doz., 75c. (by parcel post, 90c.); $5.00 per 100.



ZEPHYRANTHES (Fairy Lily)

A hardy, dwarf, bulbous plant flowering in profusion during the summer; also suitable for pot culture.

	Each	Doz.	By P.P.	100
Treatea Alba. Pure white	$0.15	$1.25	$1.35	$7.00
Treatea Rosea. Clear rose	.20	2.00	2.15	12.50

MICHELL'S RELIABLE PLANTS

PLEASE READ CAREFULLY BEFORE ORDERING PLANTS FROM THIS CATALOG

So far as possible, when there are other goods on your order, please write the portion applying to plants on a separate sheet.

Plant orders are filled and shipped at what we consider the proper season for planting, unless otherwise instructed by customers.

Shipments for Southern States or localities, where cold weather is not a permanent thing, are made as soon as possible, unless otherwise instructed.

Shipments are best made by express unless otherwise instructed, except orders for small plants or few in number. These can be sent via parcel post, if sufficient remittance on cash orders accompanies same.

Where no postage charges are quoted, please allow 15% of the price of Plants or Bulbs on all shipments for points east of the Mississippi River; for points west of the Mississippi River allow 25% of the price of Plants or Bulbs ordered. For example:—

"If you reside in Augusta, Ga., and send us an order for $2.00 in value for Plants or Bulbs, and want same shipped via parcel post, please remit $2.30. If you reside in Pueblo, Col., and send us an order for $2.00 for Plants or Bulbs, and want same shipped via parcel post, please remit $2.50."

In some cases the parcel post charges may be slightly in our favor, in the other instances they will be in the favor of the buyer, although our customers should not overlook that it requires expert packing for safe arrival of shipments via parcel post.

Where the amount required to mail the goods is less than the prescribed amount listed in our catalog, no refund will be made, and also the extra amount will not be collected where the mailing charges are greater than those prescribed in the catalog.

Please Note:—Orders for less than the number of Plants listed cannot be filled, except they are offered at our counter and are taken with. Prices are especially established for these.

SHIPPING TIME

In average seasons, applying to orders booked for Spring.

Hedge, Small Fruits, Trees, Flowering and Ornamental Shrubs—sometimes late in March, generally during April and lasting until growth is too far advanced for transplanting with safety or assurance of stock surviving.

Herbaceous Perennials—April and continuing until either stock is exhausted or until season is too far advanced. Most perennials are pot-grown and can be planted safely at any season, as long as they are procurable.

Roses—May is the best month for these, unless April is warm and settled.

Bedding Plants—Geraniums, Cannas, Salvia, etc., are usually shipped beginning May 10th.

SPECIAL CAUTION

NOTICE—On receiving Plants, unpack them, plant and water thoroughly immediately. If they cannot be planted at once, at least unpack and water them. Newly planted stock, no matter how moist it may appear, should at planting time and every day (in the evening) for a week thereafter, be watered thoroughly, unless we have rain each day during the period. Most losses through Plants, Shrubs, Trees, Hedge, etc., dying, are caused by their not being watered sufficiently and regularly at planting time.



Antirrhinum (Snapdragon)

SPECIAL NOTICE ON GUARANTEE

We spare no effort to supply all Plants, Trees, etc., of the best quality in first-class living condition. On account of the many causes beyond our control, we regret we cannot guarantee this stock to live and establish itself, as that is entirely within the power of the buyer or planter. If customers desire us to guarantee Plants, Trees, Shrubs, Hedge, etc., to live, we assume such guarantee at an advance of 25% over and above our usual prices, but not otherwise, and such guarantee will expire within 90 days from date of shipping.

MICHELL'S CHOICE BEDDING PLANTS

NOTE—Please read carefully instructions above before ordering plants.

ACHRYANTHES

Excellent for edging beds of various kinds; makes a fine show against a green or yellow background; grow about 12 inches high and very compact.

Brilliantissima. Crimson foliage; very bright. Extra strong plants, 6 for $1.50; doz., $2.75; $18.00 per 100.

AGERATUM (Floss Flower)

These are one of the freest of flowering annuals and can be adapted to many purposes. As an edging in a garden border few plants surpass it. Flower heads very large. Plants 10 inches high; ideal for massive bedding or edging.

Blue Perfection. 6 for $2.00; doz., $3.50; $25.00 per 100.

ALTERNANTHERA

Used principally for carpet bedding effects and edgings; fine for working out designs; of very dwarf growth, 4 inches high.

Aurea Nana. Green and yellow, mottled foliage.

Brilliantissima. Red, with a slight trace of green.

6 for $1.00; doz., $1.75; $12.00 per 100.

ALYSSUM

Little Gem. Pure white flowers; dwarf compact plant; desirable for edging, flowering all season; 6 inches high. 6 for $1.00; doz., $1.50; $10.00 per 100.

ANTIRRHINUM (Snapdragon)

A very effective plant for massive bedding or border planting, also much used in Italian Gardens. If flowers are cut off after blooming they will continue to flower until frost. In separate colors as follows:

Giant White, Pink, Yellow and Scarlet. Extra strong plants, 6 for $1.75; doz., $3.25; $22.50 per 100.



Aster, Giant Branching

ASTERS (Giant Branching)

We grow a large stock in separate colors; **Pink, Crimson, White and Blue.** Extra strong plants, 6 for $1.00; doz., $1.50; $10.00 per 100.

BEGONIAS (Fibrous Rooted)

Erfordi. Of the same habit as Vernon, but having bright pink flowers which almost hide the foliage during the whole summer. 4-inch pot-plants, 6 for $1.75; doz., $3.50; $25.00 per 100.

Gracilis Luminosa. A splendid edging variety with bronzy red foliage and brilliant coppery scarlet flowers; very free blooming; of same habit as Vernon. 4-inch pot-plants, 6 for $1.75; doz., $3.50; $25.00 per 100.

Prima Donna. One of the best bedding Begonias, having lovely rose-colored flowers shading to carmine. 6 for $2.00; doz., $4.00; $27.50 per 100.

BEGONIA BULBS (Tuberous Rooted

See Page 84

CALENDULA (Pot Marigold)

These somewhat resemble a double daisy; are fine for cutting, border planting or as a background.

Orange King. Very deep orange. 6 for $1.75; doz., $3.00; $22.50 per 100.

CANNA ROOTS AND PLANTS

See Page 85

CENTAUREA CYANUS (Cornflower)

These are also known as Bachelor's Buttons, and were always found in old-fashioned gardens. They are easily grown and are excellent for cutting. 6 for $1.75; $3.00 per doz.; per 100, $17.50.

CENTAUREA GYMNOCARPA

(The White-leaved Centaurea or Dusty Miller)

Grown for their silvery foliage as edging plants; also fine for bedding, vases, hanging baskets, etc. As a border for a bed of Scarlet Sage they are very showy. 6 for $1.25; $2.00 per doz.; per 100, $15.00.

NOTE—Please read carefully instructions on page 99 before ordering plants.

COBAEA SCANDENS

A beautiful blue, cup-shaped flowering annual climber; very desirable for lattice covering, etc. Extra strong plants, 50c. each; 6 for $2.50; per doz., $4.00.

COLEUS

The popular bedding plant so commonly used for edging canna and geranium beds, making an effective show till frost.

Verschaffelti. Dark crimson foliage.

Golden Bedder. Rich canary yellow.

Queen Victoria. Red, with yellow edge.

6 for $1.00; doz., $1.50; $10.00 per 100.

COSMOS

Michell's Giant Flowering Strain, producing enormous, long-stemmed flowers late in the autumn.

Pink, White, Red, each color separate.

6 for $1.00; doz., $1.50; $10.00 per 100.

DAHLIA ROOTS AND PLANTS

See pages 86 to 90

GERANIUMS

Alphonse Ricard. Bright scarlet; double.

Beaute Poitevine. Salmon pink; very double.

Helen Michell. Bright rich scarlet; gigantic flower, to date the very best of its color.

La Favorite. Double; pure white.

Rose Scented. The old fashioned sweet scented variety.

S. A. Nutt. Rich crimson; double.

Price of any of the above Geraniums, extra fine stock, 6 for $2.00; doz., $4.00; $27.50 per 100.

GLADIOLUS (See pages 92 to 94)



Centaurea Cyanus

NOTE—Please read carefully instructions on page 99 before ordering plants.



Marigold

HELIOTROPE (Cherry Pie)

A great favorite in the old-fashioned gardens, principally on account of their delightful fragrance. We offer three varieties which are the finest to date.

Centefleur. A vigorous grower, producing large trusses of deep blue flowers with a conspicuous white eye.

Elizabeth Dennison. A clear Windsor blue in color; a dwarf variety growing about 15 inches high.

Royal Fragrance. The latest introduction, truly a wonderful Heliotrope. A dwarf grower, about 10 inches high, bearing immense trusses of deep violet-blue flowers, marvelously fragrant. Grown in a solid bed it makes a wonderful show, blooming continuously from early July until frost, perfuming the whole garden.

6 for $2.00; doz., $4.00; $27.50 per 100.

HYDRANGEAS (See pages 128 and 130)

LANTANA

There are few summer-flowering plants that give more satisfaction than Lantanas; they bloom continuously throughout the summer and are coming into great favor on account of their bright, showy colors.

Iolando. Rich orange turning to crimson; dwarf and bushy.

Juan d'Or. Bright sulphur shading to deep rose-pink; rather tall.

Lyre. Pure white with yellow center; medium tall.

6 for $1.75; doz., $3.50; $25.00 per 100.

PLEASE NOTE—Bedding plants cannot be sent by parcel post as they cannot be packed satisfactorily to ensure safe carriage by this method; we therefore recommend shipping by express.

LEMON VERBENA

Pointed green lemon-scented foliage; fine for mixing among cut flowers. 3 for $1.00; doz., $3.50; $25.00 per 100.

LOBELIA

Compacta. Blue flowering plant, for edging and hanging baskets. 6 for $1.00; doz., $1.75; $12.00 per 100.

MARIGOLD

These are favorites in all old-fashioned gardens; in bloom from early summer until frost. Grown from selected seed; flowers grow to enormous size.

Legion of Honor (*Little Brownie*). Single flowers; golden yellow with a large spot of crimson velvet; 9 inches; early flowering.

Lemon Queen. Bright yellow. **Orange King.** Deep orange.

6 for $1.00; doz., $1.75; $12.00 per 100.

MOON VINE

Ipomoea Noctiflora. A pure white variety blooming toward evening and in the forenoon; the flowers are frequently 6 inches in diameter. Extra strong plants, 50c. each; doz., $4.00; $25.00 per 100.

PASSIFLORA (Passion Flower)

Pfordti. An attractive climber for outdoor planting in summer, bearing a profusion of light blue flowers suffused with pink. Price, 75c. each (by P. P., 90c.).

PETUNIAS

Of the annual flowers, this is probably the most universally used; it can be put to a variety of uses, for bedding, baskets, window boxes or urns; they flower continuously.

Giant Single Strain. (See illustration). Mixed colors.

Rosy Morn. Dwarf; brilliant rose color with white throat.

Double Petunias. Choice mixed colors.

3 for $1.00; doz., $3.50; $25.00 per 100.



Petunia, California Giants

MICHELL'S CHOICE BEDDING PLANTS



Michell's Mammoth Fancy Verbenas

PHLOX DRUMMONDI

These are a splendid bedding or border plant.

Dwarf. Red, white, pink, each separate. 6 for $1.50; doz., $3.00; $22.50 per 100.

SALPIGLOSSIS (Painted Tongue)

Easy growing annual plants which have become great favorites, not only because of its easy culture, but mainly for its beautifully tinted and veined flowers; blooms from early summer until late fall; 18 inches. 3 for $1.00; $1.50 for 6; 12 for $2.75; $20.00 per 100.

SALVIA (Scarlet Sage)

No show of flowers can equal that produced by Scarlet Sage; it makes a blaze of color when massed or planted in beds that can be recognized at a great distance.

America. The best of all the Scarlet Sages; the earliest and most continuous bloomer, as well as the most uniform in habit of growth.

Strong plants, 6 for $1.75; doz., $3.50; $25.00 per 100.



Zinnia, Giant Dahlia Flowered

NOTE—Please read carefully instructions on page 99 before ordering plants.

SCABIOSA (Mourning Bride)

Magnificent hardy annuals of easy cultivation, blooming freely through the summer and autumn. They are very decorative for beds or borders in the garden and are invaluable for cutting. 3 for $1.00; $1.50 for 6; 12 for $2.75; $20.00 per 100.

VERBENAS

MICHELL'S MAMMOTH FANCY STRAIN

Used for edging borders, or for window boxes and vases. In separate colors, pink, white, scarlet, purple. 6 for $1.50; doz.. $2.75; $17.50 per 100.

VERBENA VENOSA

(HARDY GARDEN VERBENA)

Becoming very popular as a bedding plant. A strong thrifty grower about 1 foot high, producing freely bright, heliotrope-colored flowers from early Summer until frost. 3 for $1.00; per doz. $3.00; $18.00 per 100.

VINCA

Rosea. This is the flowering type used for bedding or vases; a bed or border planted with these is a beautiful sight; for either full sun or in partial shade they are well adapted. Pink, white, white with pink eye, each color separate. 3 for $1.00; 6 for $1.75; doz., $3.25; $25.00 per 100.

Major Variegata. A trailing plant used for hanging baskets and window boxes; green foliage mottled white. Extra strong pot-plants, per doz., $5.00; $35.00 per 100.

ZINNIAS

Michell's Giant Dahlia Flowered. Distinct from the ordinary Giant flowering class; extra large and of a true Dahlia flowered type. Plants grow from 2½ to 3 feet high.

Michell's Giant Robusta Strain. Mixed colors. 6 for $1.00; doz., $1.50; $12.00 per 100.

Note regarding Quality of our Bedding Plants.—This stock is grown with a view to making shipment via local express or American Railway Express and with this in mind we grow our plants in larger size pots which develops a heavier plant than is required by the mail order trade; send us a trial order and note the difference in quality.



Asparagus Plumosus

ASPARAGUS

Plumosus Nanus (*Asparagus Fern*). Highly desirable for fern dishes, bouquet greens, garlands, etc. 3-inch pots, 6 for $1.50; doz., $2.50; $15.00 per 100. 4-inch pots, 50c. each; doz., $5.50.

DRACAENA

Godseffiana. Entirely different from all other Dracaenas; of free branching habit, making bushy and graceful plants; dark green leathery foliage dotted with spots of creamy-white. 3 inch pots, 50c each.

Indivisa. Attractive; used as a center piece for a round bed, urn or vase and in cemetery work. Strong, 4-inch pot-plants, 50c. each; 5-inch pot-plants, $1.25 each; 6-inch pot-plants, $2.00 each.

Massangeana. An excellent nouse plant with broad, dark green foliage and a broad golden yellow band through the center of each leaf. Strong plants, 6 inch pots, $3.00 each.

FERNS

The varieties we offer here are the best of their class and all are good house plants.

Nephrolepis, Dwarf Boston. A dwarf form of the original Boston Fern, makes a more shapely plant.

" **Scotti.** An old favorite; dwarf and bushy.

" **Teddy, Jr.** A dwarf form of the Roosevelt fern; very bushy.

" **Verona.** The best of the crested or Lace Ferns.

Any of above Ferns, 4-inch pots, 75c. each; 6-inch pots, $1.50 each.

PANDANUS

We highly recommend this plant where a good many varieties of other decorative plants will not do. They will thrive even in dark places such as reception halls, living rooms, etc.

Veitchi. Highly colored plants. 4-inch pots, $1.25 each; 6-inch pots, $3.00 each.



Palm, Kentia Belmoreana

PALMS

Areca Lutescens. One of the most graceful and beautiful Palms, having bright green foliage with yellow stems. 3-inch pots, 75c. each; 4-inch pots, $1.00 each; 6-inch pots, $2.00 each.

Kentia Belmoreana. The hardiest Palm in cultivation; of slow growth, and less affected by the dust and dry atmosphere of the house than any other. 3-inch pots, 75c. each; 4-inch pots, $1.00 each; 5-inch pots, $2.00 each; 6-inch pots, $3.50 each.

Kentia Forsteriana (*Made-up plants*). These are made by planting four plants in an 8-inch tub, and they are from 30 to 32 inches high from the top of the tub; very decorative. Price, $10.00 each.



Fern, Nephrolepis, Teddy, Jr.

MICHELL'S HARDY POT-GROWN ROSES

Ready for shipment about May 1st.

The Roses we are offering are all strong 2-year field grown plants that were dug last Fall and potted into 5-inch and 6-inch pots. Roses thrive best in an open sunny position and they should be planted away from all trees and shrubs so that the roots will have the full benefit of the nourishment in the soil. Roses are gross feeders and consequently require a rich soil. Select a well drained position where the soil is good and dig in a liberal amount of well decomposed stable manure thoroughly mixing it with the soil. For best results the beds should be made from 4 to 5 feet wide, planting the Hybrid Teas 18 inches apart and the stronger growing Hybrid Perpetuals 2 feet apart, planting all about 8 inches or 10 inches from the edge of the beds. The pot grown plants we send out arrive with a ball of earth around the roots, this ball should not be disturbed but should be thoroughly wet when planted. Budded Roses should be planted so that the bud is about 2 inches below the surface of the ground, firm the soil well around the roots and give a thorough watering. Throughout the Summer, the surface of the bed should be frequently cultivated. Roses we send out require no further pruning, but are ready to be planted when received. The best method of protecting Roses for the Winter in this locality is to draw up a mound of soil around the base of the plant to a height of 8 to 10 inches, thereby protecting the buds at the base of the plants from the alternate freezing and thawing, which is so injurious. In addition to this a covering of strawy manure, evergreen boughs or corn stalks is very beneficial. When Roses are growing freely they are less liable to insect pests or fungous diseases than if they are starved or otherwise neglected. A weekly application of Aphistrogen or Fungtrogen and Insectrogen will keep the plants free of most all insect pests and mildew as well as fungous diseases; these splendid preparations are from the formula of Edwin M. Rosenbluth the eminent rosarian of Philadelphia; they will be found offered on page 177.

GENERAL LIST OF MICHELL'S SELECT HYBRID TEA ROSES

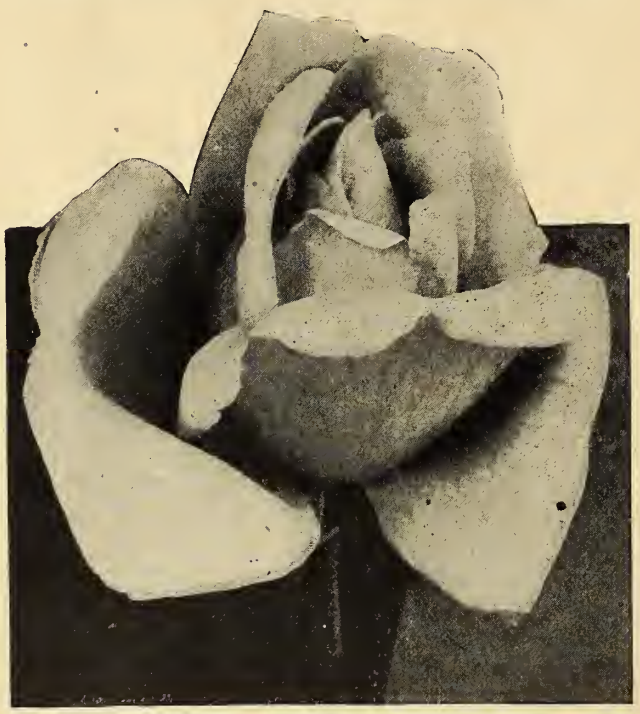
Under this heading we offer only the best and well tried varieties for outdoor planting and our customers will make no mistake in selecting any of these for their gardens. For best results Hybrid Tea Roses should be severely pruned, the stronger shoots should be put back to from 8 to 12 inches in height, while all weak thin wood should be removed entirely.

America. An American introduction which gives promise of a great future. The size, form, color, stem and foliage together with its free flowering qualities leave nothing to be desired. The color is an absolutely pure rose-pink that never turns blue and the fragrance is delightful. A good strong grower.

Betty. A superb rose with blooms of good size, full and globular, with a delightful fragrance. The color is a coppery-rose, overspread with golden-yellow. An excellent Autumn blooming variety.

Columbia. One of the most popular of the newer roses, being a vigorous grower and very free flowering. The flowers are of a pleasing shade of rose pink, large, fragrant and perfect in form.

Constance. A free-flowering variety, producing beautiful long orange-yellow buds of perfect form, somewhat streaked with crimson, opening to full globular flowers of golden-yellow.



Hybrid Tea Rose, Duchess of Wellington

Duchess of Wellington. Intense saffron yellow changing to coppery yellow. Flowers large, moderately full, of the Killarney type, beautiful buds and delightfully fragrant. A superb yellow rose and a splendid grower, in fact this variety is considered by many growers to be the best of all yellow roses to date.

Edel. A British introduction of exhibition quality, producing large beautifully formed flowers of ivory-white passing to pure white. A strong grower of uniform habit, very free flowering, opening in all weathers and delightfully fragrant.

Gen. MacArthur. A well known rose, being one of the earliest and most perpetual flowering sorts. The blooms are large, full and delightfully fragrant. In color it is a rich crimson scarlet and the growth is vigorous.

Golden Emblem. A most desirable Yellow Rose and likely to become a real favorite in the garden. Beautifully formed, long buds, which sometimes have flames of light crimson on the outer petals; held erect on long stems well above the glossy green foliage; delightfully fragrant.

Golden Ophelia. Golden yellow in center shading to pale yellow on the outer petals. This is a seedling of the well-known variety Ophelia, possessing its many good qualities.

Gruss an Teplitz. This is a rose for everybody, being the most profuse blooming crimson rose in existence. The color is of the richest scarlet, shading to a velvety crimson; very fragrant. It will succeed under the most ordinary conditions, doing well where other roses fail.

Hadley. One of the very best garden roses; deep rich velvety crimson in color and one of the most fragrant roses in our collection. Free bloomer with long stiff stems.

Hoosier Beauty. Glowing crimson-scarlet with darker shadings; buds of good length and splendid shape, opening into a magnificent and delightfully fragrant bloom. A strong, clean grower and very free flowering.

Imperial Potentate. A recent introduction, but fast becoming one of the most popular garden varieties; beautifully shaped buds opening to well formed, large double, sweet scented flowers of a delightful rose-pink.

Jonkheer J. L. Mock. A favorite with hundreds of Rose lovers. The flowers are extra large and of more than ordinary beauty. The deep imperial pink on the outside of the broad petals and the shining silvery pink on the inside make a double colored bloom.

Kaiserin Augusta Victoria. An old variety but still one of the best and it should be in every collection. In color it is a soft pearly white tinted with lemon.

Killarney Queen. Another excellent development of the Killarney family, bearing distinct clear pink blooms, somewhat darker than the parent sort, these blooms being large and well-formed.

Lady Alice Stanley. A rose that is admired by every one, not only for its freedom of bloom and fragrance, but also for its color, which is a beautiful shade of coral-rose on the outside of the petals with purple flesh on the inside.

Lady Ashtown. Extremely beautiful flowers of pale carmine-pink, shading to golden yellow at the base of the petals. The blooms are large, globular, and well formed, rather higher in the center than at the edge. Excellent for garden or greenhouse and a profuse bloomer all season until frost.

Price on any of the above, $1.25 each; doz., $12.00; $90.00 per 100. 6 Roses supplied at the dozen rate, 25 supplied at the 100 rate. Single plants of roses can be sent by parcel post at an additional charge of 25c. per plant for mailing and special packing.

MICHELL'S HARDY ROSES



Extra
Strong 2 Year Old
Pot Grown Plants

For complete list with descriptions and prices, see Rose section of this catalog.

MICHELL'S HARDY POT-GROWN ROSES

GENERAL LIST OF MICHELL'S SELECT HYBRID TEA ROSES

Lady Hillingdon. One of the best Tea Roses of its color, deep apricot yellow throughout. It varies from medium to large size and is very beautiful both in bud and in flower. The plant is hardy, a strong grower and is very floriferous.

La France. One of the first Hybrid Tea Roses to be introduced and still one of the most popular. In color a bright pink on the outside of the petals and a lovely silvery pink on the inside. The growth is vigorous with delightfully fragrant flowers.

Los Angeles. A wonderful American Rose, introduced in 1917 and described by the originators as follows: "Los Angeles is by all odds one of the finest Roses ever introduced. In color a luminous flame pink toned with coral and shaded with translucent gold at the base of the petals. In fragrance it is equal in intensity to the finest Marechal Neil. The buds are long, pointed and extend into a flower of mammoth proportions. The growth is vigorous to a degree. The beauty of the form and ever increasing wealth of color are maintained from the incipient bud until the last petal drops."

Mme. Butterfly. While this is a sport of Ophelia, it shows an even better growth, with more and larger flowers, in a brilliant pink, suffused apricot and gold. These flowers are in the ideal Rose form, of good texture and fragrance, and are unusually enduring. The plant is free and fine in growth and habit.

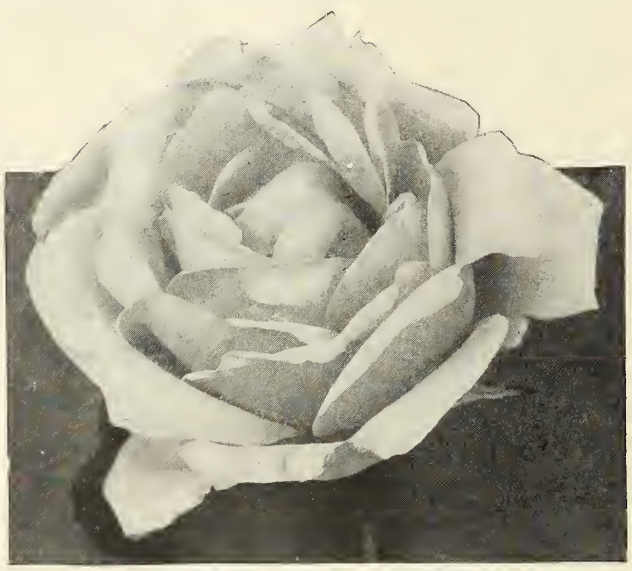
Mme. Caroline Testout. One of the most popular and valuable bedding varieties; large globular flowers of bright satiny rose with brighter center. Strong vigorous grower; very free flowering and fragrant; particularly fine in Autumn.

Mme. Edouard Herriot. This is the celebrated "Daily Mail" rose which has been so extensively advertised. In color it is coral red, shaded with yellow and bright rosy scarlet, with yellow at the base; a wonderful combination of most pleasing colors.

Mme. Jules Bouche. Beautiful white flowers, sometimes shading to light blush in the center. One of the best white bedding Roses to date.

Mme. Leon Pain. Entirely distinct in color, a fine silvery salmon, with deeper orange-yellow shaded center, the reverse of the petals being a salmony-pink; flowers large, full and well formed; very free flowering and a splendid bedding variety.

Mme. Poincaire. A most desirable variety, of vigorous growth and very free flowering. Buds are long and open into full double salmon-pink flowers, shading to apricot in the center.



Hybrid Tea Rose, Mme. Jules Bouche



Hybrid Tea Rose, Mrs. William C. Egan

Miss Lolita Armour. This beautiful Rose won the Gold Medal at the Bagatelle Gardens in Paris, France, in 1921. It is a strong vigorous grower and very free-flowering. The buds are well shaped, chrome-yellow at the base, shading to orange and copper. As the flowers expand they develop to a deep coral red; very fragrant.

Mrs. Mackellar. Large, finely formed and fragrant, buds and blooms of saffron-yellow, passing to pearly primrose.

Mrs. Aaron Ward. A very free blooming variety of vigorous but compact growth. The flowers, which are of splendid form are full double and are equally attractive when in full bloom as in the bud state. The color is a distinct Indian yellow which under certain conditions becomes yellow tinted white. A favorite everywhere.

Mrs. S. K. Rindge. This beautiful and distinct Rose has given general satisfaction. It is of strong, free branching habit of growth, with dark green, mildew-proof foliage; long pointed buds carried erect on stiff stems. Color, clear, rich chrome-yellow, which as the flowers mature, become suffused with salmon-pink. The flowers are of good size, moderately double and are produced freely and continuously.

Mrs. Wakefield Christie-Miller. Large, globular, peony-flowered blooms of pearly blush, shaded salmon-pink, the outside of the petals being vermilion and rose, which lovely combination is not affected by the hottest sun. Plants strong, of erect and vigorous growth, and with a blooming habit taking it clear through the season and until late autumn. Should be in every selection for the garden.

Mrs. William C. Egan. A vigorous and healthy grower, producing long, perfectly shaped buds which open into large shapely flowers of a two-tone pink, the inside of the petals deep flesh, while the reverse is of a soft light-pink. An exceptionally free flowering long stemmed variety.

Ophelia. This is a variety that has made such a record for itself, that it must be classed among the very best, a rose that is admired by everybody. The flowers held erect on long stems are of perfect form, and of a pleasing shade of light salmon flesh shading to pale yellow at the base of the petals.

Price of Roses above, $1.25 each; doz., $12.00; $90.00 per 100. 6 Roses supplied at the dozen rate, 25 supplied at the 100 rate. If wanted by P. P., add 25c. per plant for mailing and special packing.

MICHELL'S HARDY POT-GROWN ROSES

GENERAL LIST OF MICHELL'S SELECT HYBRID TEA ROSES

Radiance. A Rose of American origin and to our mind one of the very best varieties in cultivation today. It is an ideal bedder, producing large flowers throughout the Summer when many other varieties are out of bloom; in color a beautiful even shade of pink. This Rose should be in every garden.

Red Radiance. A counterpart of Radiance from which it is a "sport," possessing all of the good points of that valuable variety, but differing in color, which is bright cerise-red.

Rose Marie. One of the best bedding roses. It produces beautiful long buds which open into large flowers of perfect form· a pleasing clear rose-pink in color.

Souvenir de Claudius Pernet. A most vigorous grower of erect branching habit; beautiful, brilliant green foliage; long pointed buds of exquisite shape, carried on long, stiff stems. Very large full flowers with elongated deep petals, a beautifully formed bloom. Color, a most striking sunflower-yellow, deeper in the center without any color blending and which is retained without fading even in the warmest weather.

Souv. de Georges Pernet. A strong vigorous grower and free bloomer. The flowers are large; globular in form; color, Orient red shading to a cochineal-carmine at the end of the petals, the whole being suffused with a golden sheen.

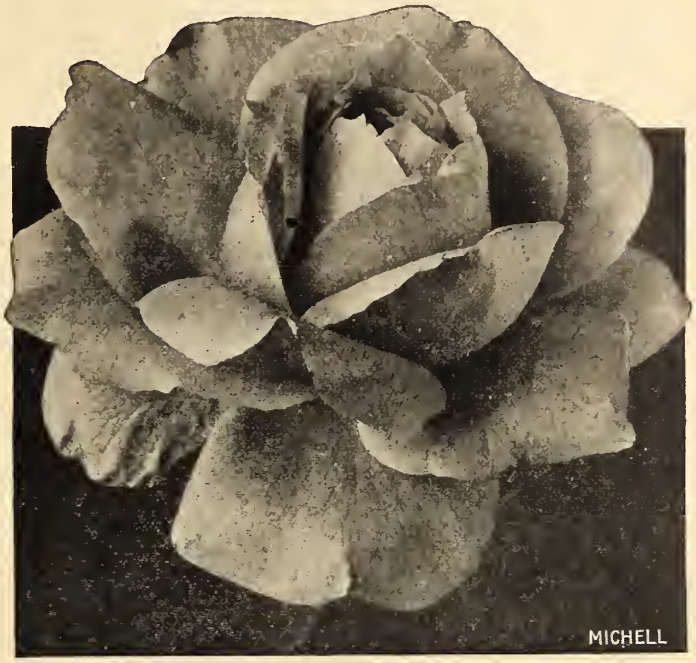
Sunburst. A vigorous grower with erect or slightly spreading habit and dark bronzy foliage. The flowers are of medium size, full and of fine elongated cup form; color a superb cadmium-yellow passing to yellow-orange in the center.

White Killarney. A pure white sport of the popular Killarney, identical with the parent in every way, excepting in color.

William F. Dreer. Flowers similar in shape to Los Angeles and like that variety, beautiful in all stages of development, are at their best in the half-expanded flower. These, in expanding, are of a soft, silvery shell-pink, the base of the petals of a rich golden-yellow which, at certain stages of development, gives a golden suffusion to the entire flower, this golden suffusion being particularly brilliant early and late in the season.



Hybrid Tea Rose, Souv. de Claudius Pernet



Hybrid Tea Rose, Radiance

HARDY HYBRID PERPETUAL ROSES

Before the development of the Hybrid Teas, this was the most popular type for garden planting and even now they should not be overlooked, but should be used extensively in conjunction with the other sorts. They are perfectly hardy and of vigorous growth, blooming tremendously in June and sometimes sparingly in Autumn. Hybrid Perpetuals are taller in growth and need more space than the Hybrid Teas; in pruning cut away all weak growth, and if quality of bloom is desired, cut back the strong canes to within 8 or 9 inches of the ground, but if quantity of bloom for garden effect is desired, leave these canes from 2 to 3 feet high, according to their strength.

American Beauty. Very large flowers, deep pink to carmine-cerise, delicately veined with darker red. A strong grower and deliciously fragrant.

Frau Karl Druschki. This is the queen of all white roses both in size and purity. The flower is very double and opens to a pure snow white. The growth is vigorous and the plant is a most prolific bloomer during the month of June. Scattering flowers often appear in the Fall.

George Ahrends. One of the best pink Hybrid Perpetual Roses. The flowers are large and a beautiful pure delicate pink; a strong grower and very free flowering. This variety is sometimes called "Pink Druschki."

Gen. Jacqueminot. The old favorite "Jack" rose is still popular. The blooms are large, full and globular, having an excellent cup shaped form; in color they are brilliant scarlet crimson, with deep veining toward the base of the petals.

Magna Charta. An old variety of great merit. The blooms are of large size, in color a bright pink suffused with carmine. It is very fragrant and free flowering.

Mrs. John Laing. Beautifully formed shell-pink flowers; exceedingly fragrant and borne on strong stems; splendid for cutting. A good grower and one of the most popular roses.

Paul Neyron. Probably the largest rose in cultivation; in color a clear pink shading to soft rose and having a delightful fragrance. A strong vigorous grower.

Ulrich Brunner. Bright cherry red flowers of large size and good form, produced freely on long stems. An old favorite and very desirable.

SPECIAL OFFER

Choice H. T. Roses (named sorts labeled) our selection of variety, your selection of color, $1.00 each (by P. P., $1.25); $10.00 per doz.; per 100, $75.00.

Prices on any of the above (except where noted), $1.25 each; $12.00 per doz.; per 100, $90.00; 6 Roses supplied at the dozen rate, 25 supplied at the 100 rate. If wanted by P. P., add 25c. per plant for Postage and special packing.

MICHELL'S HARDY POT-GROWN ROSES

HARDY CLIMBING AND RAMBLER ROSES

As an ornamental plant for covering verandas, porches, side walls, pillars, fences, etc., these are unequalled, calling forth more admiration than anything else that can be used. They require no pruning in the Spring beyond the cutting out of very old or dead wood and shortening of the laterals and long canes to make the growth conform to the space to be covered, but a severe pruning in July directly after they have finished flowering is beneficial. Cutting away at that time all old flowering wood will encourage a vigorous growth, which will give an abundance of flowers the following season.

American Pillar. The large single flowers are a lovely shade of cherry pink, with a clear white eye surrounding numerous golden yellow stamens.

Aviateur Bleriot. A strong growing plant with beautiful glossy insect and disease proof foliage, bearing large clusters of medium full sized double flowers of a saffron yellow dispersing to an almost golden yellow in the center.

Bess Lovett. Resembles Climbing American Beauty in shape of flower, but much brighter in color, being a clear bright red, double, full cupped form and of notable lasting quality.

Christine Wright. A beautiful rose of strong climbing habit, producing double flowers 3 to 4 inches in diameter, singly and in clusters, of a wild rose pink.

Climbing American Beauty. The name of this rose is rather misleading, yet on its own merits it is a splendid climber. It has but one blooming season, June, when it bears very abundantly a very bright self colored, medium pink flower of moderate size.

Dr. W. Van Fleet. One of the most important climbing roses, having perfectly formed buds, long and pointed, deep pink in color and very solid. The full blown flowers are very large, borne on long stems, fragrant and fine for cutting.

Dorothy Perkins. Beautiful shell pink, fragrant and full, blooming in clusters in June. The most popular of all climbing roses during the past few years. This is a very good rose for covering stone walls, fences, embankments and arbors.

Emily Gray. A real yellow climbing rose, producing long pointed buds opening to large orange-yellow flowers with stems long enough for cutting. These stems are crimson-red in color, contrasting beautifully with the dark green, glossy, holly-like foliage.

Excelsa. Here we have a worthy successor to Crimson Rambler, being equally as free flowering as that variety but without its unsatisfactory foliage, this variety being a true Wichuriana rambler with all of the strong wiry growth and beautiful foliage of this desirable class. Really the best double red rambler.

Gardenia. A very desirable Yellow Climbing Rose. The flowers are of a pleasing shade of yellow in bud form, turning to a creamy white as the flowers open.

Jacotte. A wonderful new yellow climbing rose with bright glossy green foliage and sweet scented orange-yellow flowers. One of the best climbers.

Mary Wallace. Long pointed buds and very large, cupped semi-double flowers, clear rose-pink in color. A strong grower and very free flowering.

Paul's Scarlet Climber. No other rose in any class can compare with it for brilliancy of color, which is a vivid scarlet that is maintained without burning or bleaching until the petals fall.

Silver Moon. An indispensable hardy climber having long well shaped buds, creamy yellow on first appearance, opening into immense Clematis like flowers of a waxy whiteness. The center is a mass of bright yellow stamens making a wonderful contrast.

Tausendschoen. The individual flowers are of a most elegant and graceful form. In color it is a most delicate shade of soft pink when first opening, changing to carmine on the reverse of the petals when fully expanded. The flowers are produced in trusses, each truss almost a bouquet in itself.

White Dorothy. A handsome pure white sport from the old favorite Dorothy Perkins, and it has all of the finer qualities found in that charming variety.

CLIMBING HYBRID TEA ROSES

These are not quite as free flowering as the bush type of Hybrid Tea Roses, but they produce a large crop of beautiful flowers in June with a quite liberal scattering of flowers throughout the season. In pruning these cut out all small thin wood and cut the strong shoots back to prominent eyes.

Climbing Gruss an Teplitz. An exact counterpart of this most popular bush rose, excepting that it is of a vigorous climbing habit. The flowers are crimson-scarlet and produced in great quantitites.

Climbing Hoosier Beauty. A climbing form of this beautiful Rose. Brilliant crimson scarlet flowers of exquisite form; long bud and very fragrant.

Climbing Kaiserin Augusta Victoria. Ivory white, identical with the parent K. A. Victoria, except its climbing habit.

Climbing Lady Ashtown. The best of all climbing H. T. varieties; a wonderful grower, producing throughout the entire season, numerous soft rose colored flowers, fine for cutting.

Climbing Lady Hillingdon. Like the parent plant the flowers are of a deep clear apricot throughout. It is of a strong climbing habit and very free flowering. One of the best Autumn bloomers.

Climbing Los Angeles. A decided acquisition to the list of Climbing Hybrid Tea Roses. A sport from this most popular variety, producing freely beautiful flowers of a luminous flame-pink toned with coral, shading to yellow at the base of the petals.

Climbing Mme. Caroline Testout. Large globular flowers of bright satiny-rose with brighter center, produced freely on a strong plant of climbing habit.

Climbing Sunburst. A true Sunburst of climbing habit.

Marechal Niel. An old favorite with wonderfully sweet-scented and pointed yellow buds. Not hardy north of Washington, excepting in favored positions or with ample protection.

BABY RAMBLER ROSES

These are very popular for bedding purposes, growing about 18 inches high and producing a great profusion of immense trusses of small flowers from early in the season until severe frost. Pruning is not necessary; simply remove the last season's flower stems.

Cecile Brunner (*The Fairy or Sweetheart Rose*). A Polyantha variety with dainty, double little flowers of perfect form, produced in many flowered graceful sprays; color a soft rosy-pink on a rich creamy-white ground.

Chatillon Rose. A comparatively new variety and one of the most effective. Flowers semi-double, produced in great sprays of from 25 to 50 or more flowers to a spray; color a lively silvery crimson-pink, gradually passing to a white center.

Orleans. One of the best, flowers of comparatively large size of brilliant geranium-red, becoming suffused with rose as the flowers mature, large white center; a very pretty color combination.

ROSA HUGONIS (Golden Rose of China)

This Chinese native is a notable contribution to American gardens. Every branch of the previous year's growth is, in late April or early May, closely set on both sides to the very tip with exquisitely beautitul, single, clear yellow flowers. The long, arching sprays make Hugonis not only a beautiful shrub, to be planted, if one so prefers, with other shrubs, but when cut are charming as table decorations.

This "Golden Rose of China" is ruggedly hardy everywhere in America. It needs neither protection nor pruning, save in the occasional cutting out of the older shoots. Each Spring the previous year's growth of graceful maroon wands will be laden with curving branches of golden loveliness. Should be planted as a specimen, or grouped in a planting of shrubbery; also makes a fine flowering hedge.

Do not plant it among Roses as it is too vigorous in growth to fit in such a planting.

Price, any of the above, $1.25 each (by P. P., $1.40); per doz., $12.00 (by P. P., $13.00); $90.00 per 100.

MICHELL'S HARDY PERENNIAL PLANTS

All of the old-fashioned flowers which were the delight of our grandmothers are to be found in this class of plants. They are all perfectly hardy and die down in the Fall, appearing again in the Spring with renewed vigor.

There is an ever increasing demand for hardy perennial plants, as they are of easy culture and there is not a time during the whole season when some are not in bloom. Each variety has a fixed time for flowering so that by making a judicious selection a succession of bloom may be had from early Spring until late Autumn. There is no set rule for the planting of perennials. The amount of room at one's disposal, the location and also the individual taste of the planter must be taken into consideration. Probably the most satisfactory results are obtained from a hardy border backed by a hedge or a fence, planting some of the taller growing sorts such as Hollyhocks, Hardy Asters, Bocconias, Helianthus and Boltonias in the back, graduating the shorter growing sorts toward the front and finishing the border with an edging of Plumbago Larpentae, Phlox Subulata, Arabis and other of the dwarf growers.

Our booklet "The Hardy Flower Garden" is an instructive publication and will be sent free on request.



Achillea

SPECIAL NOTICE ON GUARANTEE.—We spare no effort to supply all plants, trees, etc., of the best quality in first class living condition. On account of the many causes beyond our control we regret we cannot guarantee this stock to live and establish itself, as that is entirely within the power of the buyer or planter. If customers desire us to guarantee plants, trees, shrubs, hedge, etc., to live we will assume such guarantee at an advance of 25 per cent. over and above our usual prices, but not otherwise, and such guarantee will expire within 90 days from date of shipment.

AGROSTEMMA (Rose Campion)

Stout, erect-growing plants, with silvery foliage, which contrasts well with the showy flowers, produced during June and July.
Coronaria (*Mullein Pink*). Bright rosy crimson; 2½ to 3 feet.
Coronaria Alba. A pure white variety.
Price, 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

ALYSSUM

Saxatile Compactum. An excellent low spreading plant for rockery or border, growing about 10 inches high and producing in May masses of golden yellow flowers. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

ANCHUSA
(Sea Bugloss)

Italica "Dropmore Variety." Plants grow 4 feet high in pyramidal shape, branch freely and are loaded with bright blue, Forget-me-not-like flowers in June; very showy and valuable. 3 for $1.00 (by P. P., $1.20); $3.50 per doz.; per 100, $20.00.



Aconitum

ACHILLEA (Milfoil or Yarrow)

Filipendulina (*Fern-leaved Yarrow*). Finely-cut foliage and brilliant yellow heads of flowers, lasting in full beauty all summer; 4 to 5 feet.

Millefolium Cerise Queen (*Rosy Milfoil*). Finely cut, deep green foliage; flowers cherry red in dense heads; 18 inches high.

Ptarmica Boule de Neige (*Ball of Snow*). An improvement on The Pearl; the flowers, while not quite so large, are of more perfect form, with fuller centers, which makes it appear purer in color.

— **The Pearl.** A mass of double pure white flowers throughout the entire Summer. The strong erect stems make it one of the best Summer flowers for cutting.

Tomentosa (*Wooley Yarrow*). Handsome cut foliage with bright yellow flowers. June; 12 inches. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

ACONITUM (Monkshood or Helmet Flower)

Fischeri. A dwarf variety growing 18 inches high, with large, pale blue flowers in September and October.

Spark's Variety. The darkest blue of all; flowers in June; 3 feet.
Price, 3 for $1.00 (by P. P., $1.20); $3.50 per doz.; per 100, $25.00.



Anemone—Japonica

ANEMONE JAPONICA (Windflower)

As a last greeting of autumn these gay flowers appear in wondrous brilliancy and produce a wealth of bloom until cut down by hard frost.

Plants vary from 2 to 3 feet high, and are ideal for cutting; the flowers appear in August and remain till frost. They require winter protection with leaves, straw or long manure, which amply repays one for the extra trouble taken.

Queen Charlotte. Very large semi-double flowers of La France pink, a color that is rare among hardy plants.

Whirlwind. Large, semi-double pure white flowers, very free.

Hupehensis. A native of central China, resembling Anemone Japonica in a miniature way. The plant grows from 10 to 12 inches in height and is wonderfully free flowering from early August until late Autumn. A pleasing mauve-rose in color.

Rubra. A lovely rosy-red with bright yellow stamens.

Price of Anemones, 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

AQUILEGIA (Columbine)

For spring blooming these are invaluable, producing their graceful spurred flowers on stems rising 2 feet over their attractive foliage, during May and June. For rockery gardens, semi-shaded places, in hardy borders or planted in clumps, they are very effective.

Michell's Long Spurred Hybrids. This is the most admired type of Columbines. They have been produced from the strains of several famous hybridizers and much superior to the usual grade. The plants are of strong, thrifty growth. The flowers of largest size vary in color through charming tones of cream, pink, lavender, blue, white, red, etc., hardly any two being exactly alike. We offer them in mixed colors only.

Canadensis (*Common American Columbine*). The native bright red and yellow variety, and one of the brightest.

Chrysantha (*Golden Columbine*). Bright yellow, long-spurred flowers.

Coerulea (*Rocky Mountain Columbine*). Bright blue and white long-spurred flowers.

Rose Queen. A newer variety of a pleasing shade of delicate pink, long-spurred flowers.

Vulgaris (*Common European Columbine*). Violet blue.

Price of Aquilegias. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

ARABIS (Rock Cress)

Alpina. One of the most desirable of the very early spring-flowering plants that is especially adapted for edging and for the rock garden, but does equally well in the border, forming a dense carpet, completely covered with pure white flowers. Lasts for a long time in bloom. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

ARMERIA (Sea Pink or Thrift)

Attractive dwarf plants that will succeed in any soil, forming evergreen tufts of bright green foliage, from which innumerable flowers appear in dense heads, on stiff, wiry stems, from 9 to 12 inches high. They flower more or less continuously from early spring until late in the fall. Very useful in the rockery.

Laucheana Rosea. Bright rose.

Laucheana Alba. White.

Price, 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

ARTEMISIA

A most useful class of plants either for the border or for filling in within the shrubbery. With the exception of the variety Lactiflora, described and illustrated on page 109, they are not remarkable for their flowers; the foliage of the sorts offered is very ornamental. All these varieties offered stand cutting down to 5 or 6 inches when used in carpet or ribbon bedding.

Abrotanum (*Old Man, or Southern-wood*). Dark green, finely cut foliage, with pleasant aromatic odor; 2 feet.

Lactiflora. See page 109.

Pedemontana. A handsome variety with finely cut silvery foliage.

Silver King. A new variety with beautiful, bright silvery foliage, which can be cut and dried, and which will retain its silver color all winter. 50c. each; per doz., $5.00.

Stelleriana (*Old Woman*). Deeply-cut silvery foliage; much used in carpet bedding; 18 inches.

Price of Artemisias (except where noted), 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.



Aquilegia (Columbiae) Long Spurred



Artemisia Lactiflora

ARTEMISIA LACTIFLORA

Unlike the other varieties offered, which are grown for their foliage, this comparatively new introduction from China is a most effective flowering plant, with erect stems 3½ to 4½ feet high, clothed with elegantly cut, dark green foliage and terminated by panicles of Hawthorn-scented, creamy white Spirea-like light and graceful flowers. It is at its best from the latter part of August to the end of September, and is particularly valuable on this account, being unlike any other plant in bloom at that time. 3 for $1.00 (by P. P., $1.20) $3.00 per doz.; per 100, $18.00.

ASCLEPIAS (Butterfly Weed)

Tuberosa. Very showy native plants, about 2 feet high, producing their flowers of brilliant orange-scarlet during July and August. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

DWARF ALPINE ASTERS

Alpinus. Indispensable for the rockery or edge of hardy borders; grows 6 to 10 inches high and bears large, showy bluish-purple flowers in May and June.

Alpinus Albus. Identical to the above, but with pure white flowers.

Sub-coeruleus. Forms a dense tuft of leaves from which spring many leafless stems 12 inches high, bearing in June and July large, bluish-violet flowers.

Price of Alpine Asters, 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

JAPANESE HARDY ASTER

Mauve Cushion. An entirely distinct species. It forms a circular cushion-like plant 2½ feet across, rarely exceeding 9 inches in height. The flowers of delicate, soft mauve, with silvery white reflection, measure over 1¼ inches in diameter and are produced in such lavish profusion as to completely cover the plant; the blooms begin to expand early in October, but are not at their best until November. 3 for $1.00 (by P. P., $1.20); $3.50 per doz.; per 100, $20.00.

HARDY ASTERS

Tall-flowering, stately plants, which may be used with splendid effect in borders or in clumps as specimens on lawns, in large groups or beds. They form the basis of a color scheme in a perennial border during the months of September and October, and last well into November. The rich shades of blue and purple blend harmoniously with most any surrounding. They thrive equally well in the sun or partial shade. For cutting they are invaluable. The wide range of color makes this one of our finest summer and autumn-flowering perennials.

FALL FLOWERING VARIETIES

Anita Ballard. Light Lobelia blue, shading to lighter center. Early and free. 3 feet.

Autumn Beauty. An exquisite shade of light blue; very large flowers, commencing to bloom in the late summer and continuing almost up to frost time; height, about 4 feet.

Glory of Colwall. A splendid improvement on the variety Beauty of Colwall, with good-sized, nearly double, ageratum-blue flowers; remarkably free flowering; 2½ feet, September and October.

Miss Eisele. Very large flowers of a beautiful lavender blue; one of the best; 3 feet.

Novae Angliae. Bright violet-purple flowers in abundance during the early autumn; 4 feet.

Novi Belgii Climax. Of strong, vigorous habit, 5 feet high; branched pyramidical-shaped flower stems; lavender-blue flowers. August-October.

Perry's White. A strong grower whose branches in the early Autumn are literally covered with large white flowers with a golden center, which turns to crimson as the flower matures; 4 feet.

Roseum Superbum. This is one of the best hardy Asters we have ever seen. The color is almost red; profuse bloomer.

Sam Banham. Very large and graceful pure white flowers. One of the earliest to bloom; 3 feet.

St. Egwin. Densely branched, producing beautiful pink flowers; 3 feet; September.

Price, 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.



Hardy Aster, Roseum Superbum



Campanula—Media

ASTILBE ARENDSI

The plants are of vigorous growth, 2½ to 3½ feet high, producing many branched feathered heads of flowers in June and July. They prefer a half-shady, moist position in any ordinary garden soil.

Diamant. Pure white flowers in loose clusters.
Gloria. Large feathery spikes of deep pink flowers, shaded carmine.
Granat. Dark crimson; one of the darkest colors yet introduced.
Hyacinth. A beautiful mauve-rose.
Salmon Queen. Graceful panicles of a beautiful salmon pink.
Vesta. Very graceful plumes of light lilac-rose.

3 for $1.75 (by P. P., $2.00); $6.00 per doz.

BOCCONIA

(Plume Poppy, or Tree Celandine)

Cordata. A noble, hardy perennial, beautiful in foliage and flower; admirably adapted for planting in the shrubbery borders, center of beds and in bold groups in almost any position. It will grow in any soil or situation, attaining from 6 to 8 feet in height; flowers in terminal panicles, of a creamy-white color during July and August. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

BOLTONIA (False Chamomile)

Among the showiest of our native hardy perennial plants, with large single, Aster-like flowers. The plant is in bloom during the summer and autumn months, and with its thousands of flowers open at one time, produces a very showy effect.

Asteroides. Pure white; very effective; 5 to 7 feet.
Latisquama. Pink, slightly tinged with lavender, 4 to 6 feet.

3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

HARDY BORDER CARNATIONS

Choice mixed seedlings produced from seed. We supply strong plants that will furnish an abundance of double flowers this season. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

NEW SINGLE FLOWERING CARNATION

"Miss Gladys Cranfield"

The best English Single Border Pink to date, a strong grower producing during May and June, large quantities of beautifully fringed flowers rose-pink in color with velvety-maroon center, delightfully scented. Excellent for cutting. 2 for $1.00 (by P. P., $1.20) per doz., $5.00.

CAMPANULA (Bell Flower)

Showy perennial plants of special merit; some are tall, being suitable for borders; others are dwarf, for rockeries and edging. In every well-ordered hardy garden Campanulas should have a prominent place. They delight in a good rich loam, preferring a semi-shaded place. The taller varieties should be carefully staked, to prevent them from being broken during windstorms. If the flowers of Campanulas are cut as they fade it greatly prolongs the blooming period of the plant.

Calycanthema (*Cup and Saucer*). These are biennials, and last only one season, when planted in the autumn. Pink, white and blue, each color separate; height, 18 inches; June-July.
Media (*Old-fashioned Canterbury Bells*). This is a biennial type, like the Calycanthema, and will last only one season, when planted in the autumn. It flowers freely in June, July and August, and grows 3 to 4 feet high. Blue, pink and white, in separate colors.
Pyramidalis (*Chimney Bell Flower*). The most conspicuous of all Campanulas, forming a perfect pyramid 4 to 6 feet high of porcelain blue flowers in August.

Any of the above, 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

CARYOPTERIS (Blue Spirea)

Handsome, free flowering perennials, of bushy habit; very valuable for their late blooming season. For bedding or pot culture.
Mastacanthus. Rich violet flowers produced in great profusion the whole length of the branches. 2 to 3 feet. September and October. 3 for $1.00 (by P. P., $1.20); $3.50 per doz.; per 100, $20.00.

CENTAUREA (Hardheads or Knapweed)

Of easy culture, delighting in an open, sunny position, producing a wealth of bloom, which not only makes a fine display in the border, but is excellent for cutting.
Montana (*Perennial Corn Flower*). Grows 2 feet high, bearing large violet blue flowers from July to September.

3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

CHELONE (Shell Flower)

Handsome perennials growing about two feet high and bearing numerous spikes of large flower heads during the Summer and Fall.
Lyoni. Heads of showy purplish-red flowers. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.



Hardy Carnation

NEW CRIMSON HARDY CARNATION

"Etolle de Lyon"

Brilliant crimson; a strong grower, producing large quantities of delightfully clove-scented flowers during May and June. 3 for $1.00 (by P. P., $1.20) per doz., $3.00.



These showy and effective favorites are now universally popular. When planted outside they extend the flowering season of your perennial garden, blooming profusely in October after other flowers have been browned by early frosts, which do not affect the Chrysanthemums, producing a wealth of bloom especially fine for cutting. They should be planted in a well drained position either in the hardy border or at the edge of a shrubbery border. The planting should be done early in the Spring, so that the plants will have the entire Summer to establish themselves, and late in the Autumn, after they have finished flowering and the tops have been cut off they should have a covering of leaves or loose litter as a Winter protection, but do not cover with manure. Early in the Spring after danger of severe freezing is over and before any growth starts, the covering should be removed.

A. Barham (*Large Flowering*). A beautiful orange-bronze; early.

Alice Howell. A beautiful shade of orange-yellow; early and free flowering.

Baby. Clear bright yellow; very small button.

Boston. A strong upright grower; clear bronze.

Chaldon. Reddish-crimson with golden tips; large flower.

Champaign. Bright ruby-red, wonderfully colored.

Cranfordia (*Large Flowering*). Deep bronzy-yellow.

Eden. Beautifully formed flowers, rose-pink in color.

Fee Parisienne (*Large Flowering*). Large deep rose flowers; early.

Firelight. Bright red, Aster flowered.

Glory of Seven Oaks (*Large Flowering*). Golden yellow; dwarf and very free.

Golden Climax (*Pompon*). Orange yellow, one of the finest yellows now in cultivation. This variety has been admired more than almost any other in the various Chrysanthemum Shows.

Harvest Home. Deep bronzy-yellow; excellent.

Iva (*Button*). Very small deep bronze.

L'Argentuillius (*Large Flowering*). Deep chestnut shaded crimson, coming into flower early in October. Very strong grower and free bloomer.

La Garonne (*Large Flowering*). Rose and buff in color; very attractive.

Le Pactole. A strong grower with large bronzy-yellow flowers.

Lilian Doty (*Pompon*). The finest pink in the large flowering section of the Pompon family. A strong grower and producing beautiful sprays of clear light pink flowers.

Mayellen. Cerise-pink with yellow anemone center; very free flowering.

Mrs. Nellie Kleris (*Pompon*). An improved Lilian Doty, but the color is more evenly diffused over the flower. The flowers are equally as large as Lilian Doty and the plant is a fine sturdy dwarf grower.

Mrs. W. E. Buckingham (*Single*). Mid-season pink; has proved itself one of the best varieties for cutting ever introduced. We cannot recommend this variety too highly.

Murillo. One of the best pink hardy Chrysanthemums; medium early.

Nellie Irwin (*Pompon*). A true Pompon; clear bright yellow in color and having fine clean foliage and stiff stems.

Normandie. White tinted blush-pink; very early.

Oconto (*Large Flowering*). A Japanese variety with white flowers on strong stiff stems; early.

Petit Jean (*Large Flowering*). A fine white; early.

Petite Louis. A robust grower with flowers of silvery-mauve; one of the best.

Provence (*Large Flowering*). Light pink; early.

White Doty (*Pompon*). A sport of the popular variety Lilian Doty, identical in every way except color, which is a pure milk white.

Winnetka. Pure white; very free flowering.

Yellow Doty. One of the most robust growers in our collection, producing an abundance of bright, golden-yellow flowers.

Price of Hardy Chrysanthemums, 4 for $1.00 (by P. P., $1.20); $2.75 per doz. (by P. P., $3.10); per 100, $15.00.

CHRYSANTHEMUM (Shasta Daisy)

Shasta Daisy (*Alaska*). A decided improvement on the original, with blooms 4½ to 5 inches across, of pure glistening white. Very free-flowering and in bloom all summer and fall. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

Arcticum (*The Arctic Daisy*). One of the most attractive fall-flowering perennials. It forms a rosette-like clump of pretty dark green foliage during the Summer and early in the Fall sends up multitudes of large pure white flowers, which continue throughout October and frequently into November.

SHRUBBY CLEMATIS

Davidiana. A most desirable variety with fresh bright green foliage and bell-shaped flowers of deep lavender blue during August and September; very fragrant.
2 for $1.00 (by P. P., $1.20); $4.00 per doz.

COREOPSIS

Lanceolata Grandiflora. Flowers rich golden yellow and of graceful form; fine for cutting. A few plants make a handsome display, either planted individually or in clumps; dozens of flowers are produced on a single plant, and where quantity and quality are wanted Coreopsis should be planted; June till October. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.



Delphinium, Gold Medal Hybrids

DELPHINIUMS OR HARDY LARKSPURS

In view of the wonderful display that Larkspurs make, it is worth while to exercise care in locating a most suitable position and in the preparation of the ground, the latter should have a good natural drainage. Never use animal manure in planting Delphiniums, unless it has been incorporated in the soil a year before planting. Pure bone-meal is the best fertilizer in promoting growth; apply with it also some wood ashes; the latter will assist in holding in check earth grubs, which at times attack the roots and crowns of the plant. In order to keep Larkspurs in bloom continuously during the summer, cut the old flower stems off, after they have faded, and new shoots will produce flower heads in succession. To get the best out of hardy Larkspurs in the way of flowers, feed them occasionally during the growing season with an application of ground bone. A slight covering of long straw or leaves over the crowns of the plants during winter will prove a great benefit.

Belladonna. The freest and most continuous blooming of all, being never out of flower from the end of June until cut down by hard frost. The clear turquoise-blue of its flowers is not equalled for delicacy and beauty by any other flower.

Bellamosum. A dark blue form of Belladonna with which it is identical excepting in color, which is a rich deep blue.

Chinense. A very pretty dwarf species, with fine feathery foliage and intense gentian-blue flowers in open panicles.

Album. A pure white form of the above.

Michell's Gold Medal Hybrids. Unquestionably the finest strain of mixed hybrids offered. The original stock came from England, and consisted of the best-named varieties. The plants are of strong, vigorous habit, with large flowers on spikes two feet and over long, the majority running in the lighter shades of blue. We can supply them in mixture only.

Price. Any of the above, 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

DORONICUM (Leopard's Bane)

Excelsum. A very showy daisy-like flower of clear bright yellow, blooming in April and May; splendid for cutting. 2 for $1.00; per doz., $5.00.

DIANTHUS (Pinks)

HARDY GARDEN PINKS (See page 119)

These are brilliantly colored flowers, which appear in great numbers on the plant, and have a rich clove scent. For table bowls, as a cut flower, they are much in use. For edging hardy borders, garden walks, or planted in rock gardens, they fill an important place. They are at their height of bloom in June.

Deltoides (*Maiden Pink*). A continuous flowering variety with pink flowers. Especially suited for rock work.

Deltoides Alba. White flowers.

Latifolius Atrococcineus Fl. Pl. (*Everblooming Hybrid Sweet William*). A splendid variety with brilliant crimson, double flowers. Blooms continuously during the entire season.

Any of the above, 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

DIGITALIS (Foxglove)

These are showy plants, but are biennials (that is, live outdoors for two seasons), but can be made perennial by the following treatment: Immediately after blooming remove the flower stalk right down to the ground, also crop some of the large leaves; the result is, a number of new plants start from the old crown, which produce splendid flowers the second year. Digitalis will do well in semi-shaded spots; plants grow from 4 to 6 feet high; flower in June.

Gloxinaeflora. White, Pink, Purple, Lilac. Each separate. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.



Dielytra Spectabilis

DIELYTRA or DICENTRA
(Bleeding Heart or Seal Flower)

Spectabilis. We are fortunate in again being able to offer this old fashioned favorite, its long sprays of graceful heart shaped flowers are always attractive. A most satisfactory plant for the hardy border, especially when it can be planted in the shade 2 for $1.10 (by P. P., $1.30); $5.50 per doz. (by P. P., $6.00).

ERYNGIUM (Sea Holly)

Handsome ornamental plants, growing from 2 to 3 feet high. Effective in flower and shrubbery border, woodlands, wild gardens, etc.; the flower heads which are produced from July to September, are useful to cut for vases or to dry for winter bouquets.

Amethystinum. The finely-cut, spiny foliage and the beautiful thistle-like heads are of glistening amethystine-blue. A most ornamental plant. 3 for $1.10 (by P. P., $1.30); $3.50 per doz.; per 100, $22.00.

"The Hardy Flower Garden"

A comprehensive treatise of 40 pages, on Roses, Hardy Perennials, Shrubs and Vines. This book is free. Send for a copy.



Nos. 1 and 2

MICHELL'S DELPHINIUMS

(Hardy Larkspurs)

GOLD MEDAL HYBRIDS

In mixed colors only

3 for $1.00 (by parcel post, $1.20)

$3.00 per dozen per 100, $18.00

MICHELL'S DIGITALIS

(Foxglove)

No. 3. **Lilac Purple** No. 4. **Pink White**

Mixed Colors

Either of above 3 for $1.00
(by parcel post $1.20)

$3.00 per dozen per 100, $18.00

MICHELL'S HARDY PERENNIAL PLANTS

EUPATORIUM

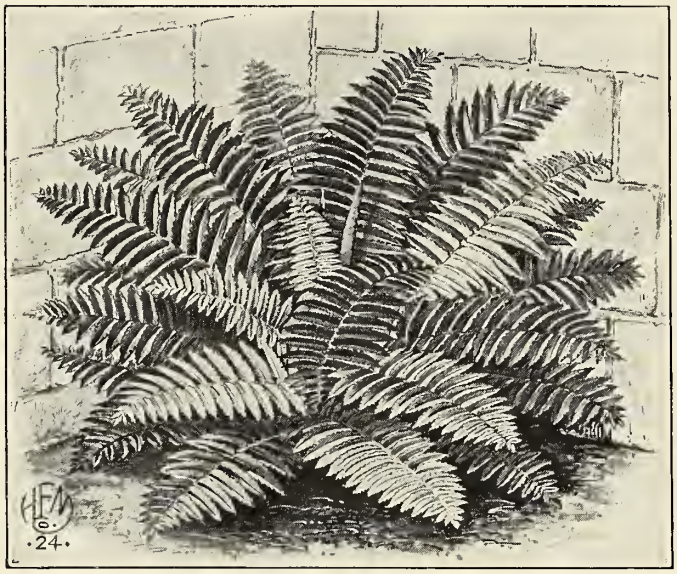
Coelestinum. A pretty hardy plant, with light blue flowers similar to the Ageratum. This is a particularly fine thing in hardy perennials; a splendid cut flower. 18 to 24 inches. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

EUPHORBIA (Milk Wort)

Corollata (*Flowering Spurge*). A very showy and desirable native plant, growing about 18 inches high and bearing from June to August umbels of pure white flowers with a small green eye. Desirable for cutting.

Polychroma. An attractive border plant, very effective in May when covered with yellow flower-like bracts.

Price, 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.



Hardy Fern

HARDY FERNS

Many persons are perplexed to know what is best suited for planting in densely shaded borders, particularly around porches. Nothing in the world produces such a permanent and satisfactory effect as Ferns. The graceful plants grow on an average from 1 to 2 feet high, according to the variety, and the clumps increase in size and beauty each year. They die down in the winter and break forth again in May.

ADIANTUM Pedatum (*Maidenhair Fern*). 12 inch.

ASPIDIUM Acrostichoides (*Christmas Fern*). 12 inch.

— Goldianum (*Shield Fern*). 24-36 inches.

ASPLENIUM Filix foemina (*Lady Fern*). 12–15 inch.

CYSTOPTERIS Bulbifera (*Bulblet Bladder Fern*). 24 inch.

DICKSONIA Punctilobula (*Gossamer Fern*). 18 inch.

ONOCLEA Struthiopteris (*Ostrich Fern*). 24–36 inch.

— Sensibilis (*Sensitive Fern*). 12 inch.

OSMUNDA—Cinnamonea (*Cinnamon Fern*). 24 inch.

— Claytoniana. 24 inch.

WOODSIA Illvensis. Excellent for rock-work, requiring little soil and thriving best in the sunniest corner. 6 inch.

Price, any of above, in large plants, 2 for $1.00 (by P. P., $1.20); $4.00 per doz.; per 100, $25.00.

FUNKIA (Plantain Lily; Day Lily)

Japanese perennials producing attractive clumps of foliage and interesting lily-like blossoms. A continuous row along a walk gives a strong and pleasing character. Delight in moist, shady situations. The variegated foliage of some species is extremely beautiful and striking for decorative work.

Coerulea. Blue flowers, broad green leaves; June; 4 feet.

Subcordata Grandiflora. Very large, pure white, lily-shaped, fragrant flowers in August and September; 2½ to 3 feet. 50c. each; per doz., $5.00.

Undulata Media Picta. Green and white variegated foliage; purple flowers. Makes a fine edging; July; 2 feet.

Price (except where noted), 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.



Gaillardia, Grandiflora

GAILLARDIA (Blanket Flower)

Beautiful flowers are borne in profusion and make a striking effect. They last a long while as a cut flower, and are abundant from June until frost. Height, about 2 feet.

Grandiflora. Dark brown center, petals on the outer edge are yellow, and the center is surrounded with a rich orange disc. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

GEUM (Avens)

Well-known plants noted for their rich coloring and freedom of flowering. Useful for cutting and the rockery or border. May to July.

Coccineum, Mrs. Bradshaw. Twice the size of the old double scarlet with huge frilled petals, giving a full, double appearance. 6 to 10 inches. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

GYPSOPHILA, EHRLEI

A wonderful improvement over Paniculata Fl. Pl. It is a distinct new form, producing immense panicles of pure white double flowers very early in the season and continuing until frost. We offer strong field grown grafted plants that will bloom this Summer at $1.50 each; per doz., $15.00.

GYPSOPHILA (Baby's Breath)

During August and September this is a mass of delicate flowers. These may be used as fresh cut flowers, also for a semi-everlasting effect. They keep for months without water.

Paniculata. Feathery sprays of white flowers; useful for effects in bouquets. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.



Pennisetum Japonicum

GRASSES (Hardy Ornamental)

The generous beautiful effect produced by the hardy Grasses is hard to describe. Plantings must be seen to be appreciated. Excellent as individual specimens.

Elymus Glaucus (*Blue Lime Grass*). A graceful growing type with narrow silvery blue foliage; a dwarf compact grower; height, 3 feet.

Erianthus Ravennae (*Plume Grass or Hardy Pampas*). Deep green narrow foliage, growing about 10 feet high.

Eulalia Gracillima Univittata (*Japan Rush*). Graceful narrow foliage, growing 5 to 6 feet. Green, with silvery rib.

Eulalia Japonica Variegata. An attractive variety with a variation of markings of white, green, sometimes light pink and yellow; 4 to 5 feet high.

Eulalia Japonica. Like the variegated variety, except that it is entirely green.

Eulalia Japonica Zebrina. Dark green foliage, crossmarked horizontally golden yellow. One of the best of hardy Grasses.

Phalaris Arundinacea Variegata (*Variegated Ribbon Grass or Gardener's Garter*). This sort is especially suited for edging taller varieties, as it grows somewhat dwarf. The foliage is somewhat broad, variegated white and green. 12 to 15 inches.

Pennisetum Japonicum (*Hardy Fountain Grass*). One of the most valuable hardy Grasses, either for beds, mixed borders or as individual specimens. Height, 4 feet.

Prices of Hardy Grasses, 3 for $1.00 (by P. P., $1.20); $3.50 per doz.; per 100, $22.50.

HELIANTHUS (Hardy Sunflower)

Very effective in borders, among shrubbery or as clumps on the lawn, etc. They produce masses of flowers during summer until frost, which are splendid for cutting and decorative purposes.

Maximiliana. The latest of all, blooming profusely in October; the fine golden yellow flowers appear in long graceful sprays; splendid for cutting; 5 to 7 feet.

Multiflorus Fl. Pl. Large, double golden yellow; July-August; 4 feet.

Orgyalis. A tall variety bearing single yellow flowers of medium size during September; 6 feet.

Rigidus Japonicus. One of the most desirable varieties, beginning to bloom early in July and continuing until fall; flowers golden-yellow, with dark centers; 5 feet.

Price, 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

HELENIUM (Sneezewort)

These desirable perennials succeed in almost any soil, in a sunny location. The flowers are splendid for cutting.

Autumnale Rubrum. Bright, terra-cotta red; 4 feet.

Autumnale Superbum. Golden yellow flowers in late Summer and Fall; 5 to 6 feet.

Price, 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; $18.00 per 100.

HELIOPSIS (Orange Sunflower)

This genus is very similar to the Helianthus. They are tall-growing plants, well suited for the back of flower borders, where they flower beautifully throughout the summer.

Pitcheriana. One of the best hardy plants for the perennial border. Daisy-shaped flowers of deep orange color, on good stems for cutting. 2 to 3 feet.

Scabra Excelsa. A new variety with very rich chrome-yellow flowers, turning to a bright yellow as they mature. These are almost double, having from 4 to 5 rows of petals, and are produced very profusely. The plant is of robust growth, about 3 feet high. Mid-July to the end of August.

Price, 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; $18.00 per 100.

HEUCHERA (Alum Root or Coral Bells)

Sanguinea. Bright crimson flowers, borne in graceful sprays; excellent for cutting. 3 for $1.00 (by P. P., $1.20); $3.50 per doz.; per 100, $20.00.

HIBISCUS (Mallow)

Giant Flowering. A wonderfully improved form of our greatly admired Marsh Mallows. They are unusually attractive and form real show plants during their flowering season. They attain a height of 6 to 7 feet, have beautiful laciniated foliage and monstrous flowers, measuring from 6 to 8 inches in diameter. We offer these in mixed colors only. 3 for $1.15 (by P. P., $1.35); $4.00 per doz.; per 100, $25.00.

Moscheutos (*Swamp Rose Mallow*). Flowers 6 inches in diameter, of a light rosy-red with darker center.

Crimson Eye. Large flowers of pure white with deep velvety-crimson center.

Price, 3 for $1.00 (by P. P., $1.20); per doz., $3.00; $18.00 per 100.



Hibiscus

MICHELL'S SUPERB IRIS

IRIS GERMANICA (Fleur de Lis)

SUPERB NEW AND RARE VARIETIES

Afterglow (*Sturtevant*, 1917). Misty lavender lit with yellow at center. Its name fits it perfectly as it has the soft tints of the evening sky after the sun has disappeared; 3 to 5 feet tall. 50c. each.

Alcazar (*Vilmorin*, 1910). Standards light bluish violet; falls deep purple, bronze veined at the throat. One of the very handsome dark purple Irises of fine type and excellent as a specimen plant. Its growth is robust and strong with widely branching flower stalks, bearing large blooms of waxy texture; 4 feet tall. 35c. each.

Ambassadeur (*Vilmorin*, 1920). Overlapping standards dull purplish bronze. Lovely flaring falls, deep velvety maroon. Beard and styles yellow. A strong grower, carrying large flowers of heavy substance which stand boldly erect. The coloring is exceedingly rich and striking; 4 feet tall. $1.00 each.

Colonel Candelot (*Millet*, 1907). Standards bronze overlaid with red lavender; falls rich velvety crimson; yellow beard. A beautiful Iris of dark red effect; 3 feet tall. 50c. each.

Dream (*Sturtevant*, 1918). A clear even pink. A delicate and beautiful Iris and a very close approach to the perfect pink self. A charming Pallida type; 3 feet. $1.25 each.

Lent A. Williamson (*Williamson*, 1918). Standard lavender violet; falls velvety pansy purple; brilliant orange beard. Massive flowers of wonderful texture; growth unusually vigorous and robust; a marvelously prolific bloomer. 75c. each.

Lord of June (*Yeld*, 1911). Standards lavender blue; falls rich violet blue. The flower is very bold and full proportioned, the edge of the standards being notched and the falls slightly incurving. The standards are somewhat weak and do not stand up well under strong sun or heavy rain but it is wonderful in ideal weather. 50c. each.

Medrano (*Vilmorin*, 1920). Rich rose purple, the falls encrusted with dark maroon, flecked with buff and lavender. Very rare color but very attractive and outstanding. Blooms are of good size and stems medium height. $1.25 each.

Opera (*Vilmorin*, 1916). Standard reddish lilac; falls purple violet, dark and velvety. A very prolific bloomer and robust grower. An Iris of wonderful coloring, so bright and rich as to attract the eye clear across the garden. 75c. each.

Queen Caterina (*Sturtevant*, 1917). A large iridescent pale lavender violet with yellow beard. The flower is of high quality, with domed standards and rounded, drooping falls. Vigorous robust grower, wonderful stems and remarkable bloomer. Most pleasing and satisfactory; 3 feet tall. $1.00 each.

Shekinah (*Sturtevant*, 1918). Soft lemon yellow deepening to rich yellow around its bright orange beard. Unquestionably the first and one of the finest tall yellows ever produced. Majestic Pallida type. Very free flowering; 3 feet tall. 75c. each.

Sherwin-Wright. Rich golden-yellow without markings and a strong grower make this the best clear yellow Iris to date. 50c. each.

Souv. de Mme. Gaudichau (*Millet*, 1914). A brilliant velvety black purple. It has great size, splendid height, excellent substance, clear distinct color and wonderful vigor. Free blooming and striking in the garden, it is undoubtedly one of the finest Irises ever created; 40 inches tall. $1.50 each.

White Knight. A beautiful pure white Iris of fine form and delicately scented. 75c. each.

TWELVE CHOICE STANDARD VARIETIES

Fro. Standards deep gold; falls chestnut brown; a highly colored variety. 40c. each; doz., $3.50; $25.00 per 100.

Halfdan. Large, creamy white flowers of good substance.

Monsignor. Standards satiny violet; falls velvety purple crimson, with lighter margin; very large flower. 40c. each; doz., $3.50; $25.00 per 100.

Mrs. Alan Gray. Standards and falls delicate pale rosy mauve; medium early. 40c. each; doz., $3.50; $25.00 per 100.

Navajo. Standards light bronzy yellow, shaded lavender; falls deep maroon, veined white and yellow; stigmas yellow; deep orange beard. 40c. each; doz., $3.50; $25.00 per 100.

Nibelungen. Standards fawn yellow; falls violet purple with fawn margin; a handsome, large flowering variety. 40c. each; doz., $3.50; $25.00 per 100.

Pallida Dalmatica. Standards and falls clear lavender blue shading to pale silvery blue at the base; large spreading flowers, sweetly scented. This variety is much confused with other Pallida types, which have been widely distributed under this name. The true Dalmatica can be easily distinguished by its form and light silvery shading at the base of the petals and its heavy glaucous foliage. 40c. each; doz., $3.50; $25.00 per 100.



Iris Germanica

Pallida Mandraliscae. Rich, lavender purple; tall, large and handsome; very early. 40c. each; doz., $3.50; $25.00 per 100.

Powhatan. Standards light bishop violet with deeper border; falls deep purple, shaded crimson; large, horizontal spreading flower. 40c. each; doz., $3.50; $25.00 per 100.

Queen of the May. Standards and falls soft rose lilac, almost pink.

Walhalla. Standards light, lavender blue; falls satiny violet blue.

Wyomissing. Standards creamy white, suffused soft rose; falls deep rose base, shading to flesh colored border. 40c. each; doz., $3.50; $25.00 per 100.

Named sorts, any of the above (except where noted), 3 for $1.00; $3.00 per doz.; $18.00 per 100.

Mixed German Iris. 6 for $1.00 (by P. P., $1.15); per doz., $1.50 (by P. P., $1.75); $10.00 per 100.

IRIS KAEMPFERI (Japanese Iris)

The King of all Iris and in popularity they can be classed with the Hardy Phlox and Peonies; coming into flower about the middle of June, they continue for five or six weeks and are particularly welcome at this time. They succeed in almost any soil and like plenty of water when forming their flower buds.

Aspasie. Single; color, soft mauve blue.

Astarte. Double; beautiful dark violet.

Gold Bound. A fine double pure white, enriched by a creamy glow from the gold banded center.

Helene. Double; blue ground slightly veined with dark blue.

Hercules. Double; clear lilac-blue.

Iphigenie. Double; beautiful coloring, deep Chinese lilac.

Kumo-No-Obo. Six large, royal purple petals with a yellow center, radiating into lines; a most brilliant variety.

Mahogany. Large double flowers; the latest to bloom; color, purple mahogany red; the erect petals are prettily crested.

Melpemone. Double; soft blue distinctly veined with dark blue.

Midnight. Large single flowers, deep purple in color.

Proserpine. Single, bright rich blue, produced by sanding of velvety blue on white.

Purple and Gold. Enormous double flowers, ten inches across; early and free blooming; color, rich violet purple with white petaloids, tipped violet; the conspicuous golden throat extends outward in sharp bluish white rays.

Reine de Bulgarie. Soft lilac; lemon yellow throat; very good.

Price, any of the above named sorts of Japanese Iris, 2 for $1.00 (by P. P., $1.10); $5.00 per doz. (by P. P., $5.25), $35.00 per 100.

Mixed Japanese Iris. All colors and shades. 4 for $1.00 (by P. P., $1.15); $2.75 per doz. (by P. P., $3.10); per 100, $18.00.

NOTE—If Iris are wanted by Parcel Post, add 10c. per root; 15c. per six roots; 25c. per doz. roots, for postage.



Hemerocallis

HEMEROCALLIS (Yellow Day Lily)

Lily-like plants, flowering in great profusion during the summer, making a fine cut bloom.

Citrina Hybrids. A handsome Chinese species with beautiful lemon colored flowers borne on stems 4 to 5 feet high. Late blooming, continuing until September.

Dr. Regel. Handsome, rich orange-yellow flowers in May. Very fragrant and fine for cutting.

Flava (*Yellow Day Lily*). Deep lemon yellow flowers during June and July; very fragrant; 2½ to 3 feet.

Fulva (*Tawny Day Lily*). Trumpet shaped flowers; coppery orange shaded crimson; June and July.

Kwanso Flore Pleno (*Double*). Coppery red; July; 3 feet high. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

HYPERICUM (St. John's Wort)

Moserianum. A most desirable border plant, of free and graceful habit, producing long, slender, much-branched stems, leafy to the base and all drooping towards the ends, apparently from the weight of the flowers and buds, although the flowers face, so none of their beauty is lost. Free-flowering, of large size, measuring from 2 to 2½ inches in diameter; color rich golden yellow, which is rendered still more effective by the numerous yellow stamens and crimson anthers; blooms continuously. 2 feet. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

LATHYRUS (Everlasting or Perennial Sweet Peas)

The perennial pea is one of the hardiest and most easily cultivated species, thriving almost anywhere. It is a good trellis plant and is adapted as a cover to wild, rough places.

Latifolius. Large deep red flowers on long stems in constant succession. 6 feet.

— **Pink Beauty.** Clusters of large beautiful shell-pink flowers.

— **White Pearl.** Most beautiful of all everlasting peas with pure white flowers, which are about double the size of the ordinary Lathyrus Latifolius albus.

3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $20.00.

HOLLYHOCKS (Double)

These thrive best in soil that is not too wet, which should be enriched with well-rotted stable or sheep manure. While perefctly hardy, we recommend protecting them slightly during the winter with leaves, long manure or straw. To guard against fungus or rust we recommend spraying the plants in early spring with Pyrox or Bordeaux Mixture.

Our strain of these is very fine, and we offer the following colors in double flowering only (each separate):

Yellow, Crimson, Pink, White. 3 for $1.00 (by P. P., $1.20); $3.00 per doz. (by P. P., $3.30); per 100, $18.00.



Michell's Double Hollyhock

IBERIS (Hardy Candytuft)

The Hardy Candytufts are low-growing plants, with evergreen foliage. In spring and early summer they are completely covered with dense heads of pure white flowers. For borders and rockeries they are unsurpassed.

Sempervirens. Pure white flowers; 1 foot. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

LAVENDULA (Lavender)

Vera. This is the true Sweet Lavender; grows about 18 inches high; delightfully fragrant blue flowers in July and August. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

LIATRIS (Blazing Star, or Gay Feather)

Pycnostachya. Showy and attractive native plants, succeeding anywhere, producing spikes of light rosy-purple flowers in July and August; 5 feet. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

LINUM (Flax)

Perenne. A desirable plant for the hardy border or rockery; light graceful foliage and large blue flowers all summer. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

LOBELIA

Handsome border plants thriving in any good garden soil but preferring a moist loam where they will not suffer from drought.

Cardinalis (*Cardinal Flower*). Rich fiery cardinal flowers. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

LYCHNIS (Campion)

All of the Lychnis are of the easiest culture, thriving in any soil and this, in addition to their brightness, has brought them into high favor with lovers of hardy plants.

Chalcedonica. A most desirable plant; heads of brilliant orange-scarlet flowers in June and July; grows 2 to 3 feet high.

Viscaria. Forms a dense tuft of evergreen foliage, and in June sends up spikes of handsome, double deep red flowers; 1 foot. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

LYSIMACHIA

Clethroides (*Loose-strife*). A fine hardy variety about 2 feet high; dense, recurved spikes of white flowers from July to September.

Nummularia (*Creeping Jenny, or Money-wort*). Valuable for planting under trees or shrubs where grass will not grow, where it quickly forms a dense carpet.

3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.



Lily of the Valley

LILY OF THE VALLEY

For outdoor planting in shaded places. Pure white flower bells appear on stems about 8 to 10 inches long, the latter part of May. Bundles, 60c. each (by P. P., 70c.); doz., $6.50 (by P. P., $6.75); $50.00 per 100. Stock cannot be shipped after May 15th.

LYTHRUM

Roseum Superbum (*Rose Loose-strife*). A strong growing plant, thriving in almost any position, large spikes of rose colored flowers from July to September. Grows 3 to 4 feet high. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

MATRICARIA (Feverfew)

Little Gem. Pure white, double flowers, splendid for cutting, flowering July and August; height, 12 inches. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

MERTENSIA (Blue Bells)

Virginica. An early spring flowering plant growing 1 to 1½ feet high with drooping panicles of handsome light blue flowers fading to clear pink; May and June. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

MONARDA (Bergamot)

Didyma Cambridge Scarlet (*Oswego Tea*). Crimson scarlet.
— **Rosea** (*Bee Balm*). Flowers of a rose color, and sweetly fragrant foliage; 18 inches; July to September.
3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

MYOSOTIS (Forget-Me-Not)

These are most effective when intermingled with Pansies, English Daisies or amongst summer-flowering perennials. They bloom usually about the middle of April, and last well into the summer.
Palustris Semperflorens (*Perpetual Flowering Forget-me-not*). Blue with yellow throat; damp places; spread rapidly. 9 inches. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

NEPETA

Mussini. An excellent plant for rock gardens being a compact grower and forming tufts of small violet-blue flowers during July and August. 3 for $1.00; per doz., $3.00; $18.00 per 100.



Lupinus Polyphyllus

LUPINUS (Lupins)

These flower in May and June; are 3 to 4 feet high.
Polyphyllus. Blue. Very showy.
Polyphyllus White.
Polyphyllus Pink.
Price, 3 for $1.00 (by P. P., $1.20); $3.50 per doz.; per 100, $25.00.

OENOTHERA (Evening Primrose)

The evening Primroses are elegant subjects for growing in an exposed sunny position, blooming the greater part of the summer.
Missouriensis. Large golden-yellow. 1 foot. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

PACHYSANDRA

An evergreen trailing plant, with thick, glossy foliage forming a dense mat; one of the finest ground covers for either sunny or shaded locations.
Terminalis. Green; 6 to 8 inches high; small flower spikes of a grayish white, in May and June. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

PENTSTEMON (Beard Tongue)

Barbatus Torreyi. Spikes of brilliant scarlet flowers; height, 3 to 4 ft.; June to August.
Digitalis. Large spikes of long purple-white flowers with purple throats, during June and July. 2 to 3 feet.
Gloxinoides, Sensation. A beautiful strain bearing spikes of large Gloxinia-like flowers in a great variety of bright colors, including rose, cherry, crimson, purple, lilac, etc. The plants grow 2 ft. high and bloom from early Summer till frost.
Price, 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

PHYSALIS (Chinese Lantern Plant)

Francheti. An ornamental variety of the Winter Cherry, forming dense bushes, about 2 feet high, producing freely its bright orange scarlet lantern-like fruits; highly interesting. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

PHYSOSTEGIA (False Dragon-Head)

One of the most beautiful of our midsummer flowering perennials, forming dense bushes 4 to 6 feet high, bearing spikes of delicate tubular flowers, not unlike a gigantic heather.
Grandiflora Vivid. A new variety growing from 18 to 24 inches high, bearing a profusion of bright violet-mauve flowers.
Virginica. Bright but soft pink.
— **Alba.** Pure white; very fine.
3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

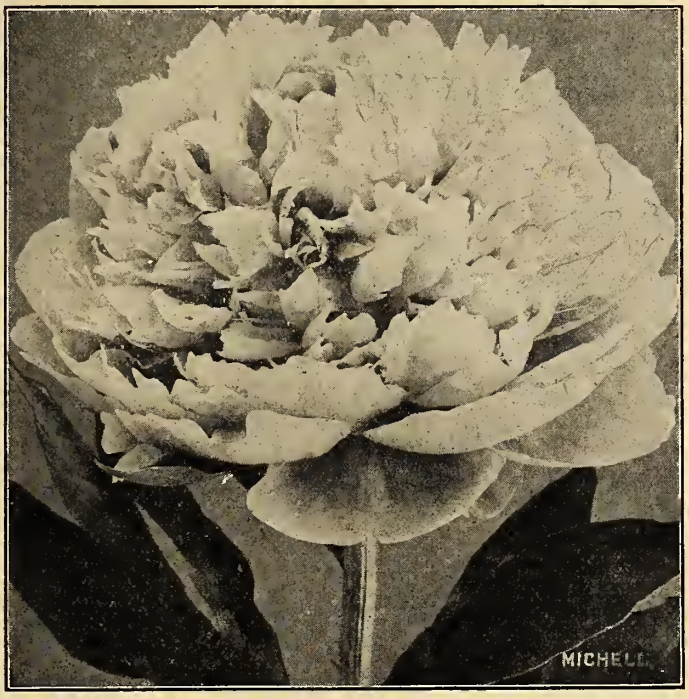
MICHELL'S GIANT FLOWERING PEONIES

Next to Roses these are the most popular June flowers, and justly so, for they lend themselves to almost any style of planting, while for the little care required they give a variety of color and wealth of bloom unequalled by any other plant. Their requirements are few; they will succeed in any good garden soil in an open sunny position. Care should be taken, however, to keep all fresh manure away from the roots—if barnyard manure is used it must be thoroughly decomposed—if you are unable to procure this, Bone Meal makes a good fertilizer. Peonies may be planted any time after September 1st until the ground freezes in the Autumn, and in the early Spring until the season is too far advanced; the best time, however, is during September and October, as they make roots during the moist cool weather of the Autumn and consequently carry through the Winter in better shape. The roots should be set so that the top or upper eyes are about two or not more than three inches below the level of the soil; do not set the roots flat, but stand them up. For the best results Peonies should be planted from three to four feet apart each way, according to the space at your disposal; the ground around them should be well cultivated at all times and in the Spring after growth starts they should have an abundance of water if the season is at all dry. When cutting the flowers always leave one or two bottom leaves; it is best to leave a few flowers on the plant also, as it is of vital importance that sufficient foliage be left to develop the eyes under the ground for next season's growth. Newly planted roots may not develop a characteristic flower the first season, in fact it is usually not until the third year that perfect flowers true to description will be produced. Peonies are seldom troubled with any disease or insect pests; ants sometimes appear on the buds coming to gather a sweet gum which the bud exudes while developing; they will do no harm and will disappear when the flower opens.

Adolph Rousseau (*Dessert & Mechin*, 1890). Early midseason. Very tall strong grower with erect, stiff stems and large perfectly formed flowers; dark velvety red with garnet hues and a distinct metallic reflex. Very fine for the garden and especially desirable for landscape effects. Semi-double type, $1.50 each.

Albert Crousse (*Crousse*, 1892). Bomb type. Large, well-formed flowers of soft shell pink with faint salmon tints. Vigorous grower with tall erect stems. Late, $1.00 each.

Baroness Schroeder (*Kelway*). Rose type. Flesh white fading to milk white. Immense globular flowers of perfect form; of great lasting substance; ideal for cutting. Tall strong growth with rather light green foliage. Very free blooming, with exquisite rose fragrance that is most appealing. Does fine in southern localities. Late midseason, $1.25 each.



Peony, Claire Dubois

Claire Dubois (*Crousse*, 1886). Rose-type; late midseason. Rich, clear satiny pink with glossy reflex. Some describe this as a glorified Mons. Jules Elie, $1.00 each.

Couronne d'Or (*Calot*, 1873). Semi-rose type; late. Immense, very full imbricated flat flowers. Solid and compactly built; pure white with a ring of yellow stamens around a tuft of center petals tipped carmine. The whole flower glows with a delightful golden light, gaining the title of "Crown of Gold." Medium tall, robust grower and very free bloomer; 75c. each.

Edulis Superba (*Lemon*, 1824). Crown type; very early. Beautiful bright, clear mauve-pink with silvery reflex. Decoration day Peony; 75c. each.

Felix Crousse (*Crousse*, 1881). Rose-type; late midseason. Rich, dazzling ruby-red without a tinge of purple, none better; $1.00 each.

Festiva Maxima (*Miellez*, 1851). Rose type; early. The finest white in existence. Pure white with clear carmine spot on edge of center petal; 75c. each.

Grandiflora—Syn Henry Woodward (*Richardson*, 1883). Rose type. Very large flat bloom of bright sea-shell pink overlaid with salmon pink. Unusually fragrant; blooms in clusters. Strong tall erect grower. Its beauty, time of blooming and great reliability should commend it to everyone; $1.50 each.

Georgiana Shaylor (*Shaylor*, 1912). Rose type. Large globular compact flower with wide graceful petals; flesh pink, changing to a very delicate whitish flesh color in the center. Tall compact erect strong grower and very free blooming. Late midseason; $6.00 each.

Germaine Bigot (*Dessert*, 1902). Crown type. Very large compact flower, composed of broad petals. Color lilac rose, medium tall stems; very free. Midseason, 75c each.

Grover Cleveland (*Terry*, 1904). Rose type. Very large and full dark crimson flowers. Strong vigorous grower with upright stems. Blooms in clusters; especially desirable on account of being practically the only late dark crimson; $1.50 each.

Jubilee (*Pleas*, 1910). Rose type. Extremely large flat flower, having long narrow petals arranged loosely, giving a feathery effect. Buds show delicate opal tints; as they unfold the color changes to ivory white. Unlike other Peony buds, which are round, these are pointed like a rose. Fragrant; strong grower and free bloomer; long stems. A very distinctive variety and a great favorite. Midseason; $3.00 each.

Karl Rosenfield (*Rosenfield*, 1908). Semi-rose type; midseason. Very large globular compact flower. Rich dark crimson in color. Very strong, tall compact grower and free bloomer. A brilliant and striking variety, attracting universal attention; $2.00 each.

Lady Alexandra Duff (*Kelway*, 1902). An immense cup-shaped flower of rose type with wide imbricated petals. The color of the outer petals is delicate blush pink rapidly fading to lovely French white; central flower of rather flattened circular form; central petals have a touch of carmine. Lateral buds come in semi-double, waterlily-like flowers, exposing the anthers. Showy, fragrant, and very prolific. Robust, strong grower, thriving in all sections; $4.00 each.

La Tendresse (*Crousse*, 1896). Rose type. Very full large flowers borne in clusters. Color, milk-white, sometimes splashed with carmine. Tall, strong grower, free bloomer and fragrant. Midseason; 75c. each.

NOTE—If Peonies are wanted by Parcel Post, add 10c. per root for postage.

MICHELL'S GIANT FLOWERING PEONIES

Lord Kitchener (*Renault*, 1916). Rose type; very early. Color a brilliant cherry-red, a most dazzling hue. Free bloomer, strong grower; $1.75 each.

Mignon (*Lemoine*, 1908). Rose type; globular flowers of soft light rose passing to amber cream. Broad imbricated petals form perfectly double blooms, which are delightfully fragrant and standing well above the luxuriant light green foliage. Rather dwarf. Midseason; $6.00 each.

Milton Hill (*Richardson*, 1891). Rose type; late. Flowers large, cupped, clear soft flesh color, turning nearly white in full sunlight before fading; one of the finest varieties in existence; $7.50 each.

Mme. Emile Lemoine (*Lemoine*, 1899). Semi-rose type. Large, globular, compact flower. Color on first opening glossy-white overlaid with minute lilac dots. Tall, strong grower and free bloomer. Very beautiful and one of the finest white varieties. Midseason, $1.00 each.

Mme. Jules Dessert (*Dessert*, 1909). Rose type. Exquisite flowers of large size; broad delicate petals of translucent texture. Color creamy-white, overlaid with a sheen of delicate blush, with a pronounced pink center, intermixed with golden stamens. Strong vigorous stems of perfect habit. A charming variety and should be in every collection. Midseason, $5.00 each.

Mlle. Jeanne Riviere (*Riviere*, 1908). Guard petals deep flesh, gradually changing lighter. Center petals narrower and of a deep cream shade. Tall, strong stems making this an especially valuable variety for garden or mass effects. An abundant bloomer. Midseason; $2.50 each.

Marquis C. Lagergren (*Dessert*, 1911). Semi-rose type; midseason. Large, bright velvety crimson with a distinct silvery border. One of the finest reds ever produced; especially good for mass planting; $1.50 each.

Mons. Jules Elie (*Crousse*, 1888). Bomb type. Very large flower of ideal glossy shell-pink, shading to a deeper rose at the base, the entire flower overlaid with a sheen of silver; fragrant. Such a strong vigorous grower that it will produce enormous flowers on one year plants. Medium height, but very prolific bloomer. Early midseason. One of the most popular and meritorious varieties ever produced; excellent for both landscape work and cut flowers; $1.50 each.

Mons. Martin Cahuzac (*Dessert*, 1899). Semi-rose type; midseason. A perfect solid ball of deep maroon with garnet hues and brilliant black luster. Claimed by some to be the darkest Peony in existence. Strong vigorous grower and free bloomer. A very distinct and handsome variety and one that will appeal to everyone desiring a dark colored Peony; $4.00 each.

Primevere (*Lemoine*, 1907). Bomb type. Large full blooms in clusters, with outer petals sulphur-white, center petals deep sulphur yellow. Tall, strong grower and free bloomer. Very fragrant and the yellowest Peony in existence; $3.50 each.

Reine Hortense—Syn. Pres. Taft (*Calot*, 1857). Midseason. Enormous, compact flat flowers of soft flesh color deepening to shell pink, center showing crimson splashes, sometimes faint stripes on the face of the petals. Well formed and very striking. Deliciously fragrant. A vigorous grower and profuse bloomer. Rose type. Fine for cut flowers and usually in bloom just about Decoration Day; $2.00 each.

Sarah Bernhardt (*Lemoine*, 1906). Semi-rose type; late midseason. Very large flower of perfect form, full and double, with twisted, imbricated petals. Color apple-blossom pink with each petal silver tipped. Strong grower, free bloomer and very fragrant. One of the finest and most dependable Peonies ever produced, attracting attention in every garden; $2.00 each.



Peony, Sarah Bernhardt

Solange (*Lemoine*, 1907). Rose type. A large, full compact flower of indescribable beauty. Color rare, deep orange salmon at the heart overlaid with a delicate tender reddish-brown, a most unique color combination. The plant is a strong, robust grower and very abundant bloomer. Midseason. Considered as one of the most unusual and charming Peonies ever produced; $5.00 each.

Suzette (*Dessert*, 1911). Semi-rose type; midseason. Bengal-rose lightly shaded carmine purple with silvery reflex. Strong stems. Rare; $1.00 each.

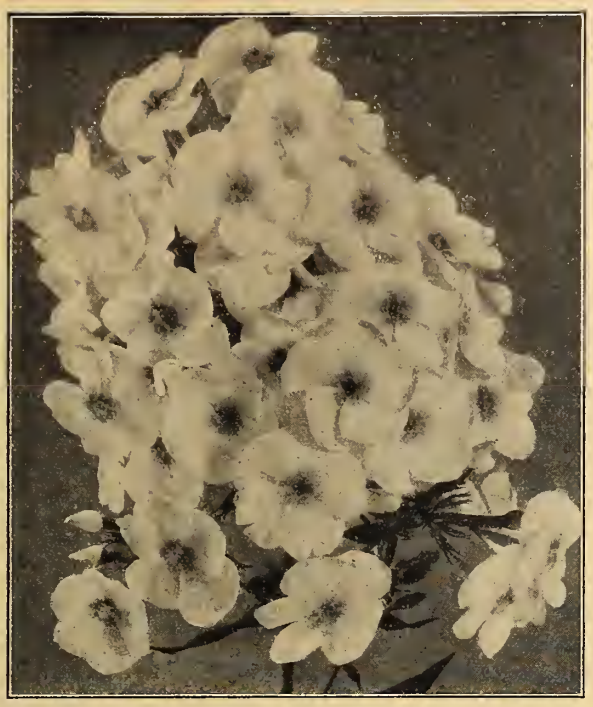
Venus (*Kelway*, 1888). Pale hydrangea-pink, collar lighter. Fragrance fine. Exquisite pointed buds opening into large compact flowers; very fragrant. Valuable both as a cut flower and for garden planting. Tall, free bloomer. Midseason, $1.00 each.

PEONIES IN COLORS

We can supply good strong roots in separate colors, or all colors mixed at prices quoted below. These should not be compared to the cheap mixtures sometimes offered at a low price, as they are for the most part choice varieties from which the labels have been lost, or have been mixed in planting. Some very choice Peonies will be found in these mixtures.

	Each	Doz.	100
Double Pink	$0.50	$5.00	$35.00
Double Red	.50	5.00	35.00
Double White	.50	5.00	35.00
Double Mixed. All colors	.40	4.00	30.00

Note—If Peonies are wanted by Parcel Post, add 10c. per root for postage.



Hardy Phlox, Mrs. Jenkins

MICHELL'S SUPERB HARDY PHLOXES

Baron von Dedem. Deep pink, suffused orange; immense trusses.
B. Comte. Brilliant rich French purple.
Beacon. Brilliant cherry-red.
Deutschland. The brightest red Phlox ever introduced; a brilliant red with crimson eye.
Eclaireur. Brilliant rose-magneta, with lighter halo.
Elizabeth Campbell. Bright salmon-pink, with lighter shadings and dark red eye.
Eugene Danzanvilliers. Delicate lavender; a very attractive and decorative color; immense flowers. The peer of its color.
Europa. Blush white, with a large deep pink center; the flower truss is very large, while the florets are also of gigantic size.
Jules Sandeau. Dwarf; very large flowering; pure pink; extra fine variety.
Montagnard. Dark purple claret; large spikes and flowers.
Mrs. Jenkins. The best pure white.
Mrs. Milly Van Hoboken. Enormous trusses of bright pink flowers; very showy and outstanding.
Rheinlander. Deep salmon pink, with a distinct bright red eye.
Rheinstrom. A splendid new phlox with gigantic flowers of a bright pink. Quite tall; continues in bloom till frost.
Thor. Deep salmon pink, suffused with scarlet; a white halo surrounds the aniline red eye.

Price of all varieties Hardy Phloxes, extra strong roots which will flower the first season, 3 for $1.00 (by P. P., $1.15); $3.00 per doz. (by P.P., $3.30); per 100, $16.00.

PHLOX SUFFRUTICOSA

Miss Lingard. Pure white, with a lilac eye; very early. 3 for $1.00 (by P. P., $1.20); $3.00 per doz. (by P. P., $3.30); per 100, $18.00.

PHLOX SUBULATA

Alba (*Moss Pink*). Moss evergreen-like foliage, tucking close to the ground and covered completely with white star-like flowers in May.
Lilacina. A beautiful shade of lilac.
Rosea. The same as above but with pure pink flowers.
Vivid. A new introduction with bright rose colored flowers. 2 for $1.00 (by P. P., $1.15); $5.00 per doz. (by P. P., $5.25).

Price (except where noted), 3 for $1.00 (by P. P., $1.20); $3.00 per doz. (by P. P., $3.30); per 100, $18.00.

MISCELLANEOUS VARIETIES OF PHLOX

Amoena. A beautiful plant, with soft rose-colored flowers; one of the best for rockeries or borders; 4 inches high; April-May.
Divaricata Canadensis. A patch of these makes a spring show hard to describe. The large heads of fragrant lavender flowers appear the latter part of April and in May.

Price, 3 for $1.00 (by P. P., $1.20); $3.00 per doz. (by P. P., $3.30); per 100, $18.00.

NEW PERPETUAL FLOWERING HARDY PINKS (Dianthus Allwoodi)

This is a most important addition to worth while perennials. They are perfectly hardy and flower continuously from early Spring until late in the Autumn. The flowers are much larger than the old type of Hardy Pinks and are borne on long stems suitable for cutting; deliciously clove scented.
Jean. Pure white with purple center.
Mary. Pale rose-pink with light maroon center.
Robert. Delicate shade of old rose with light maroon center.
3 for $1.00 (by P. P., $1.20); $3.50 per doz.; per 100, $22.00.

PINKS, HARDY GARDEN (Double)

These old-fashioned favorites, bearing their clove-scented flowers during the spring and early summer, are splendid cut blooms.
Elsie. Bright rose with maroon center.
Essex Witch. Delicate pink, finely fringed.
Homer. Rosy-red with dark center.
White Reserve. An everblooming variety, double pure white.
3 for $1.00 (by P. P., $1.20); $3.00 per doz.; $18.00 per 100.



Oriental Poppy

ORIENTAL POPPIES (Papaver Orientale)

These are the royal representatives of this popular genus, growing about 3 feet high and far surpassing in magnificence of bloom all the other types. For a display of brilliant coloring nothing equals them during their time of flowering, May and June, whether planted singly or in masses. They are easy of culture, almost any kind of soil suits them, but they do best in a rich deep loam. Plant them in the fall or early spring before May 1st; give them water during dry spells the first season, and mulch with leaves or stable litter in the fall; treated in this way, they will increase in size and consequently freedom of bloom for years to come. After they have finished flowering the plants die back, but appear again in September, or as soon as the weather gets cool; during this resting period care should be taken when cultivating the beds that the roots are not disturbed.
Bracteatum. Rich blood-red.
Goliath. One of the most effective; flowers of a rich scarlet.
Orientalis. Very large, orange-scarlet flowers.
Mrs. Perry. A soft shade of salmon rose; a beautiful large flower. This variety should be in every garden.
3 for $1.00 (by P. P., $1.20); $3.50 per doz.; per 100, $25.00.

ICELAND POPPIES (Papaver Nudicaule)

The graceful foliage is surmounted with a mass of stems a foot high, which terminate in a beautiful cup-shaped flower. Blooms the entire summer.
Orange, Yellow, White; each color separate. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

MICHELL'S HARDY PERENNIAL PLANTS

PLATYCODON

(Balloon Flower or Japanese Bell Flower)

The Platycodons are closely allied to the Campanulas, and form neat, branched bushes of upright habit.

Mrs. Ely says of them: "Do best if planted in early spring. They grow from 2 to 2½ feet high, and after the third season each plant will have from ten to twelve stalks covered with the lovely blue or white blossoms for nearly a month, beginning about July 10th. They are also free from attacks of insects, and if planted in good soil and well covered in late autumn with a litter of leaves or stable manure, will be found to be quite hardy."

Grandiflorum. Deep blue cupped, star-shaped flowers.

— Album. A white-flowered form of the above.

3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

PLUMBAGO (Lead-Wort)

Larpentae. One of the most desirable border and rock plants; it is of dwarf, spreading habit, growing 6 to 8 inches high, covered with deep blue flowers during the summer and fall months. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

PRIMULA (Hardy Primrose)

One of the first of the early spring flowers. They delight in a rich soil, preferably in a semi-shaded location. Some of the varieties are richly colored, and are worthy of a place in every hardy garden. As a hardy border edging, as well as for rockery planting, it can be highly recommended.

Vulgaris (*English Primrose.*) Beautiful light canary yellow; long flower stems with trusses.

3 for $1.00 (by P. P. $1.20); $3.00 per doz.; per 100, $18.00.



Pyrethrum Hybridum

PYRETHRUM HYBRIDUM

A good old-fashioned perennial resembling colored daisies, blooming in June. They will succeed in any good garden soil in a sunny position and do best when left undisturbed for 2 or 3 years, but they should be given an annual top dressing of well rotted manure.

Single Flowering. Mixed colors only, ranging from pure white to dark red. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

PYRETHRUM (Giant Daisy)

Uliginosum. Grows 3 to 4 feet high and is covered with large white Daisy-like flowers, 3 inches in diameter, from July to September. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

RANUNCULUS (Crowfoot Buttercup)

Acris Fl. Pl. A double flowered form of our common buttercup; 2 feet; May and June.

Repens Fl. Pl. (*Bachelor's Buttons*). A pretty double flowering, bright golden buttercup, bearing masses of flowers during May and June.

3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.



Rudbeckia Purpurea

RUDBECKIA (Cone-Flower)

Indispensable plants for the hardy border; grow and thrive anywhere, giving a wealth of bloom, which are well suited for cutting.

Golden Glow. A well-known popular plant; a strong, robust grower, attaining a height of 5 to 6 feet, and produces masses of double golden-yellow, Cactus Dahlia-like flowers from July to September.

Newmani. Dark orange-yellow flowers, with deep purple cone; good stiff stems; 3 feet high; July to September.

Purpurea (*Giant Purple Cone-flower*). Flowers about 4 inches across, of a peculiar reddish-purple with a remarkably large cone-shaped center of brown; forms bushy plants 3 feet high and blooms from July to October.

3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

SALVIA (Meadow-Sage)

Perennials with strikingly beautiful, orchid-like bloom, that make them welcome in the herbaceous border. Leaves are used in medicine and for the kitchen.

Azurea Grandiflora (*Rocky Mountain Sage*). Sky-blue flowers in greatest profusion during August and September; 6 feet.

Pitcheri. Similar to Azurea but of more branching habit and larger flowers of rich Gentian blue; 3 to 4 feet.

Virgata Nemorosa. An interesting plant for the hardy border; flower spikes bear many-flowered whorls of dark blue blossoms; the unexpanded buds are light violet blue, forming a pleasing color combination. It continues in flower for about six weeks during the early summer months; 18 inches.

3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

SAXIFRAGA (Megasea)

Very useful plants, growing about 12 inches high, having broad, deep green foliage and thriving in any soil in almost any position. The pretty rose-pink flowers which appear very early in the spring, almost as soon as the frost is out of the ground, make this a valuable addition to the hardy garden. Makes an excellent plant for the front of the hardy border, or in the front of shrubbery.

Cordifolia. Rosy-pink flowers.

Crassifolia. Light pink flowers.

Hamalaicus. Bright rosy-pink flowers.

2 for $1.00 (by P. P., $1.20); $5.00 per doz.

SCABIOSA

The hardy variety is even more wonderful and of greater beauty than the annual sort, commonly called Mourning Bride. The flowers are gigantic, measuring frequently 3 inches and more in diameter. It delights in a sunny position, and is a cut flower few perennials can equal. It lasts a long while in water; the average height is about 2½ feet. Very free flowering.

Caucasica (*Blue Bonnet*). A delicate shade of lavender blue, starting in flower in June and lasting well through the summer.

Caucasica Alba. White. Like the above, except the color.

3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00



Sedum Spectabile, Brilliant

SEDUM (Stonecrop)

DWARF VARIETIES

Suitable for the rockery and covering of graves, etc.

Acre (*Golden Moss*). Much used for covering graves; has green foliage and bright yellow flowers.

Album. Dark green foliage with pure white flowers in June.

Sieboldi. Round succulent glaucous foliage with bright pink flowers during August and September.

ERECT GROWING VARIETIES

Useful and pretty plants for the border, producing their interesting flowers during the late Summer and Fall.

Maximum Atropurpureum. Handsome purple foliage with salmon-pink flowers during August and September; 12 to 18 inches.

Spectabile. A pretty erect growing variety with broad, light green foliage and immense heads of showy rose colored flowers during the Autumn; 18 inches.

—"Brilliant." A rich colored form of the above, being a bright amaranth red.

Prices of any of the above Sedums. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

SENECIO (Groundsel)

Pulcher. Forms a neat tuft of foliage from which springs up from July to October, a succession of 2 feet high stems, with clusters of brilliant, rosy purple flowers, of good size. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

SOLIDAGO (Golden Rod)

The Golden Rod in a cultivated form is one of the best hardy garden plants. We have discarded all other varieties except that listed below, as from observation we believe this will fill every want for this plant.

Golden Wings. The finest of the Golden Rods; very showy; 5 feet high, with immense panicles of bright golden yellow flowers from July to September. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

Note—Please read carefully instructions on page 107 before ordering plants.

SPIRAEA (Goat's Beard, Meadow Sweet)

Elegant border plants with feathery plumes of flowers and neat, attractive foliage; succeed best in a half-shaded location in rich, moist soil.

Filipendula (*Dropwort*). Numerous corymbs of white flowers on stems 15 inches high, during June and July; pretty fern-like foliage.

Palmata (*Crimson Meadow Sweet*). One of the most beautiful hardy plants; the deep purple red of the stems and branches passing into the crimson purple of the broad corymbs of flowers, which are produced very freely during June and July. 3 feet.

Ulmaria Fl. Pl. (*Meadow Sweet*). Double white flowers during July and August; 3 feet.

3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $20.00

STATICE (Sea Lavender)

Very ornamental genus of easy culture, but prefer a rather deep, loose soil. From the delicate nature of the flower panicles, the species are better suited to rockwork and isolated positions, than for mixing in a crowded border. Useful for cut blooms, especially for mixing with other flowers. July-August.

Latifolia (*Great Sea Lavender*). Handsome plants with heads of dark blue flowers; invaluable for cutting, the flowers when dried, lasting for months. 1 to 2 feet. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

STOKESIA (Cornflower Aster)

The flower has the appearance of combining a giant cornflower and an aster. Plants are 18 inches high and are of spreading habit, blooming from June until frost. Succeeds in most any location.

Cyanea. Very light blue. | **Cyanea Alba.** Pure white.

3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.



Single Sweet William

SWEET WILLIAM (Dianthus Barbatus)

This plant occupies a foremost position, producing, early in spring, quantities of bloom which make a grand effect, for just when they are in flower it is generally too soon for other perennials. For wild garden effect, Sweet Williams occupy first place.

Michell's Prize Mixture. In all colors.

Pink Beauty (*Sometimes called Newport Pink*). A splendid shade of salmon with immense flower trusses. When massed it is a striking feature of the perennial garden; an extra fine novelty.

3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.



Trillium

THALICTRUM (Meadow Rue)

Very graceful, pretty flowered plants, with finely cut foliage; great favorites for planting in the hardy border; the dwarfer varieties also being effective and useful in the rockery.

Adiantifolium. A beautiful variety, with foliage like the Maiden Hair Fern and miniature white flowers in June and July; 1½ to 2 feet.

Aquilegifolium. Graceful foliage like that of a Columbine and rosy-purple flowers from May to July; 2 to 3 feet.

3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

See pages 104 to 106 for list of Hardy Roses.

TRILLIUM (Wood Lily, or Wake Robin)

Excellent plants for shady positions in the hardy border, or in a sub-aquatic position, flowering in early spring; 12 to 18 inches.

Grandiflorum. The largest white; probably the handsomest.

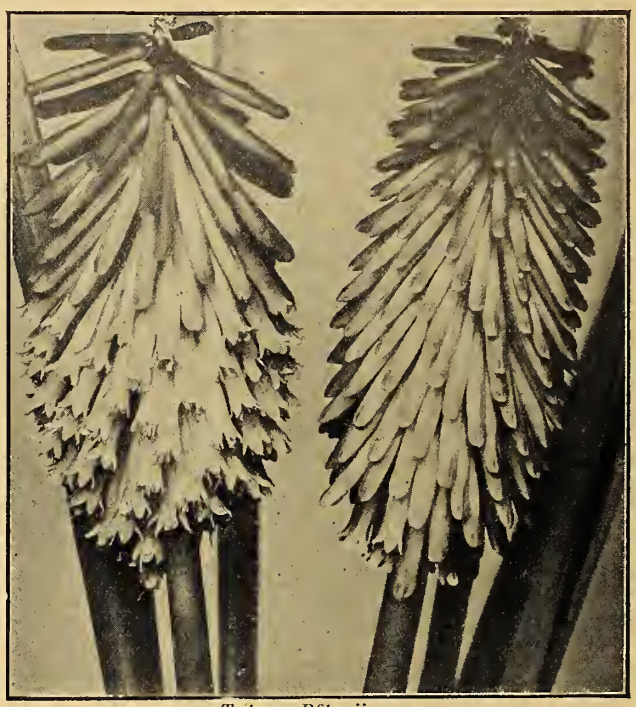
4 for $1.00 (by P. P., $1.20); $2.50 per doz.; per 100, $15.00.

TROLLIUS (Globe Flower)

Europaeus. Desirable free-flowering plants, producing their giant bright yellow, Buttercup like blossoms on stems 1 to 2 feet high from May until August; succeeds admirably in the border in a half shady position in well drained, preferably light soil. 50 cts. each; $5.00 per doz.



Veronica Longifolia Subsessilis



Tritoma, Pfitzerii

TRITOMA

(Red-hot-Poker, Flame Flower or Torch Lily)

Pfitzerii (*The Everblooming Flame Flower*). The early, free and continuous blooming qualities of this variety have made it one of the great bedding plants, and when we consider that there are few flowering plants which are suitable for massing under our severe climatic conditions, it is little wonder that such an elegant subject should become so popular. Succeeds in any ordinary garden soil, but responds quickly to liberal treatment; hardy if given protection, but the most satisfactory method of wintering is to bury the roots in sand in a cool cellar. In bloom from August to October, with spikes 3 to 4 feet high, and heads of bloom of a rich orange-scarlet, producing a grand effect either planted singly in the border or in masses. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

VALERIANA (Valerian)

Officinalis (*Hardy Garden Heliotrope*). Produces during June and July showy heads of rose-tinted white flowers, with heliotrope odor, 3 to 4 feet. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

VERONICA (Speedwell)

A large and much cultivated group of blue-flowered perennials, great favorites in the hardy garden. The taller forms are very pretty border plants, while the more dwarf spreading forms are well adapted to the rockery. Unexcelled for cutting purposes.

Amethystina. Amethyst-blue flowers on short spikes; one of the best; 2 feet; May to June.

Incana. Bright silvery foliage with spikes of Amethyst-blue flowers during July and August; 12 inches.

Longifolia Subsessilis (*Japanese Speedwell*). It is the handsomest blue-flowered plant we know of, growing to a height of two feet and completely studded with its spikes of blue flowers. Its flowers are fine for cutting. It is perfectly hardy and increases in strength and in beauty each succeeding year. 2 feet; August to October.

Spicata. Long spikes of bright blue flowers during June and July; 18 inches. An excellent border plant.

3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

MICHELL'S HARDY PERENNIAL PLANTS

VINCA
(Periwinkle or Trailing Myrtle)

It is often a perplexing problem to find the plant that will do well in a dense shade; right there is where Vincas of the hardy class should be employed, also in lawn plantings under trees, in woodlands and on spots it is desired to cover where no grass will grow. It is valuable for planting on cemetery lots by reason of its dwarf creeping habit. The foliage is green all winter.

Minor. Green foliage, lavender flowers. Extra strong plants, 4 for $1.00 (by P. P., $1.20); $2.50 per doz.; per 100, $15.00.



Single Wallflowers

WALLFLOWERS

The old fragrant favorite; mixed colors, including yellow, brown, etc. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $18.00.

YUCCA (Adam's Needle)

This plant sets off to best advantage if used as individual specimens, either on the lawn or in the shrubbery border. The foliage is of an evergreen nature, is slender and pointed. The tall flower-spikes rise 4 to 5 feet above the plant and are decked with cream-white bell-shaped drooping flowers during July and August. A majestic plant, especially fine for producing tropical effects.

Filamentosa. White, with reflexed flower bells. Extra strong plants. 3 for $1.00 (by P. P., $1.20); $3.50 per doz.; per 100, $22.00.

MICHELL'S COLLECTIONS OF HARDY PERENNIALS

We offer customers who are not acquainted with the different sorts the following collections, at greatly reduced prices, all good, strong plants, which once established will, with little care, keep the garden gay with flowers from the time frost leaves the ground until late in the autumn.

These collections are according to our own selections at prices named.

For Sunny, Shaded or Partially Shady Perennial Border.

Collection No.

1 12 Hardy Perennials in a good assortment for $2.75.
2 25 Hardy Perennials in a good assortment for $5.25.
3 50 Hardy Perennials in a good assortment for $8.50.
4 100 Hardy Perennials in a good assortment for $16.00.

When ordering give number and collection wanted and state if for sunny or partially shaded position.



Viola

VIOLAS, OR TUFTED PANSIES
(Viola Cornuta)

The improved forms of Viola Cornuta are one of the important bedding plants of Europe, and are rapidly growing in favor here; and while their flowers are not so large as those of the Pansy their bright colors and free-flowering qualities make them welcome additions to any garden.

Blue Perfection. Deep purplish-blue.
Lutea Splendens. Rich golden yellow.
White Perfection. A fine white.
4 for $1.00 (by P. P., $1.20); $2.50 per doz.; $15.00 per 100.

NEW VIOLA, Jersey Gem

Without a doubt the best bedding Viola yet introduced, being most suitable to our climatic conditions, doing well in any good garden soil, but for best results should have full sunlight; under such conditions it will flower continuously from April until heavy frost. The plant is of compact growth; flowers of pure violet on stems about 6 inches long, making it valuable for cutting as well as a most attractive border plant. 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $20.00.



Yucca Filamentosa

Please Notice When Ordering Plants.
It is not necessary to order three plants of a species or variety where 3 for $1.00 are offered. Customers may select one each of three varieties, etc.

MICHELL'S ROCK GARDEN PLANTS



Rock gardens are yearly increasing in popularity, as rockery building is a fascinating pastime and if one has only a few square yards of ground this will be found sufficient to grow quite a variety of plants, affording a great deal of pleasure in caring for them and watching the rockery develop.

One of the most interesting points of the rockery or rock garden is that each of us may build it according to our own ideas, providing it is correctly built as to drainage and the proper placing of the rocks in order to keep the soil in place.

The rock garden may be of any size from an unpretentious mound of soil with rocks cropping out here and there, to a miniature mountain range or a rock strewn valley with a small stream running through the center. Before building the rock garden, the location should be selected in an open sunny place or one in partial shade, according to the variety of plants desired; some do best in full sunlight while others require some shade. In either location the ground must be well drained.

The next step is to plan the rockery as to size and shape. Do not use too much stone, too little is better than too much, and use stones of a good size; small stones are of no use except for filling in or drainage. Place the stones so that they will keep the soil from washing when watering or during heavy rains.

Place the plants in the pockets of soil or in the open spaces between the rocks. Be sure, however, that the soil is firm around the roots of the plants.

Below will be found a list of plants we offer suitable for rock garden planting. Descriptions of these will be found on pages 104 to 123. All are suitable for a sunny position excepting those marked X; these do better in semi-shade.

PLANTS SUITABLE FOR ROCK GARDENS

		Doz.	100
	Achillea, The Pearl	$3.00	$18.00
	Alyssum, Saxatile Compactum	3.00	18.00
X	Aquilegia	3.00	18.00
	Arabis, Alpina	3.00	18.00
	Armeria, Laucheana Alba	3.00	18.00
	Armeria, Laucheana Rosea	3.00	18.00
	Aster, Alpinus	3.00	18.00
	Aster, Alpinus Alba	3.00	18.00
	Aster, Alpinus Sub-coeruleus	3.00	18.00
	Japanese Aster, Mauve Cushion	3.50	20.00
X	Dielytra, Spectabilis	5.50	
	Dianthus, Deltoides	3.00	18.00
	Dianthus, Deltoides Alba	3.00	18.00
	Dianthus, Latifolius Atrococcineus	3.00	18.00
	Ferns	4.00	25.00
	Hedera Helix (*English Ivy*)	5.00	40.00
	Hypericum, Moserianum	3.00	18.00
	Iberis, Sempervirens	3.00	18.00
	Lysimachia, Nummularia	3.00	18.00
X	Lily of the Valley	6.50	50.00
X	Mertensia, Virginica	3.00	18.00
X	Myosotis Palustris Semperflorens	3.00	18.00
	Oenothera, Missouriensis	3.00	18.00
X	Pachysandra, Terminalis	3.00	18.00
	Phlox, Subulata Alba	3.00	18.00
	Phlox, Subulata Lilacina	3.00	18.00
	Phlox, Subulata Rosea	3.00	18.00
	Phlox, Subulata Vivid	5.00	
	Phlox, Amoena	3.00	18.00
X	Phlox, Divaricata Canadensis	3.00	18.00
	Plumbago, Larpentae	3.00	18.00
X	Primula, Veris	3.00	18.00
X	Primula, Vulgaris	3.00	18.00
	Ranunculus, Repens, Fl. Pl.	3.00	18.00
X	Saxifraga	5.00	
	Sedum, Acre	3.00	18.00
	Sedum, Sieboldi	3.00	18.00
	Statice, Latifolia	3.00	18.00
	Veronica, Incana	3.00	18.00
	Veronica, Spicata	3.00	18.00
X	Vinca, Minor	2.50	15.00
	Viola, Jersey Gem	3.00	20.00
	Euonymus, Radicans	3.00	18.00
	Euonymus, Radicans Variegata	3.00	18.00
	Euonymus, Radicans Vegeta	3.00	18.00

MICHELL'S CLIMBING PLANTS AND VINES

Vines play an important part in the landscape of the home. There are so many purposes they fill that we cannot recommend too highly their general use.

AKEBIA—Quinata. Quick-growing vine; small, fine-lobed, half-evergreen leaves, and purplish brown or chocolate-colored flowers, which have a delicious odor. This plant is highly desirable where a dense shade is not desired. Extra strong plants, 75c. each (by parcel post, 90c.); 6 for $3.25; 12 for $6.00.

AMPELOPSIS—Quinquefolia (*Virginia Creeper*). The large handsome, dark green leaves are deeply cut into five lobes. In the autumn the foliage turns a beautiful rich crimson; especially adapted to covering tree stumps and trunks. Extra strong plants, 75c. each (by parcel post, 90c.); 6 for $3.25; 12 for $6.00.

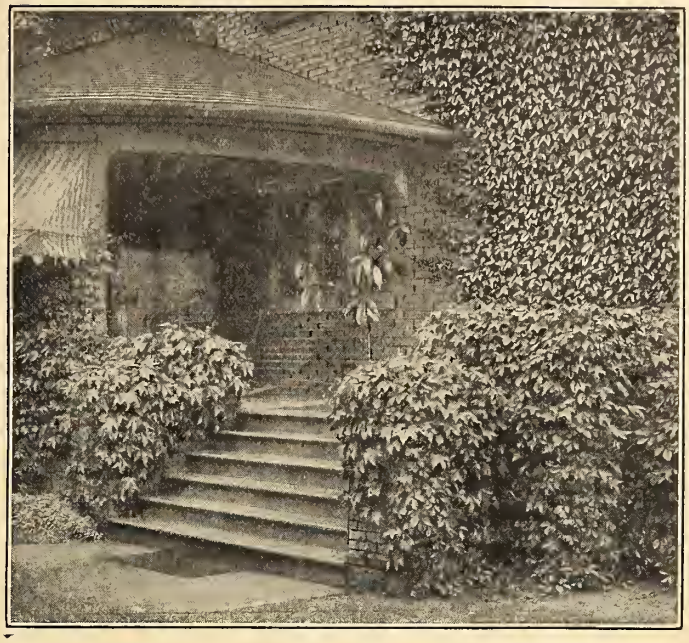
AMPELOPSIS—Veitchii (*Boston Ivy*). The popular climber for brick and stone buildings and walls. The leaves are a beautiful deep green which in the autumn turn to a coppery red. Strong plants, 60c. each (by parcel post, 75c.); 3 for $1.75; 12 for $6.00.

ARISTOLOCHIA—Sipho (*Dutchman's Pipe*). Handsome light green leaves, giving a quick, dense shade. The brown flowers are shaped like the bowl of a pipe. Large plants, $1.00 each (by parcel post, $1.15).

BIGNONIA—Radicans (*Trumpet Vine*). A strong-growing vine, with rich green foliage and trumpet-shaped flowers; free-flowering; dark red, throat shaded orange. Strong plants, 75c. each (by parcel post, 90c.).

CELASTRUS SCANDENS (*Bittersweet or Waxwort*). A vine of rapid growth. In the early summer it produces yellow flowers, which by autumn have turned to bright, orange-colored fruits, with red markings. Extra strong plants, 75c. each (by parcel post, 90c.).

CLEMATIS. This family of Climbing Plants are probably more popular than any other. Some of the small flowering varieties are exceedingly fragrant. The large flowering types make a glorious effect on account of their gigantic blooms and striking appearance. All Clematis delight in plenty of sunlight, rich soil and plenty of water in dry weather. Great care should be exercised in planting the large-flowering varieties. During the process of transplanting, the stem is likely to get broken below the eye shoots, which would render the plant useless. To guard against this, place a few stakes around the plant to protect it after planting. In the winter put a covering of straw, long manure, or leaves around the roots.



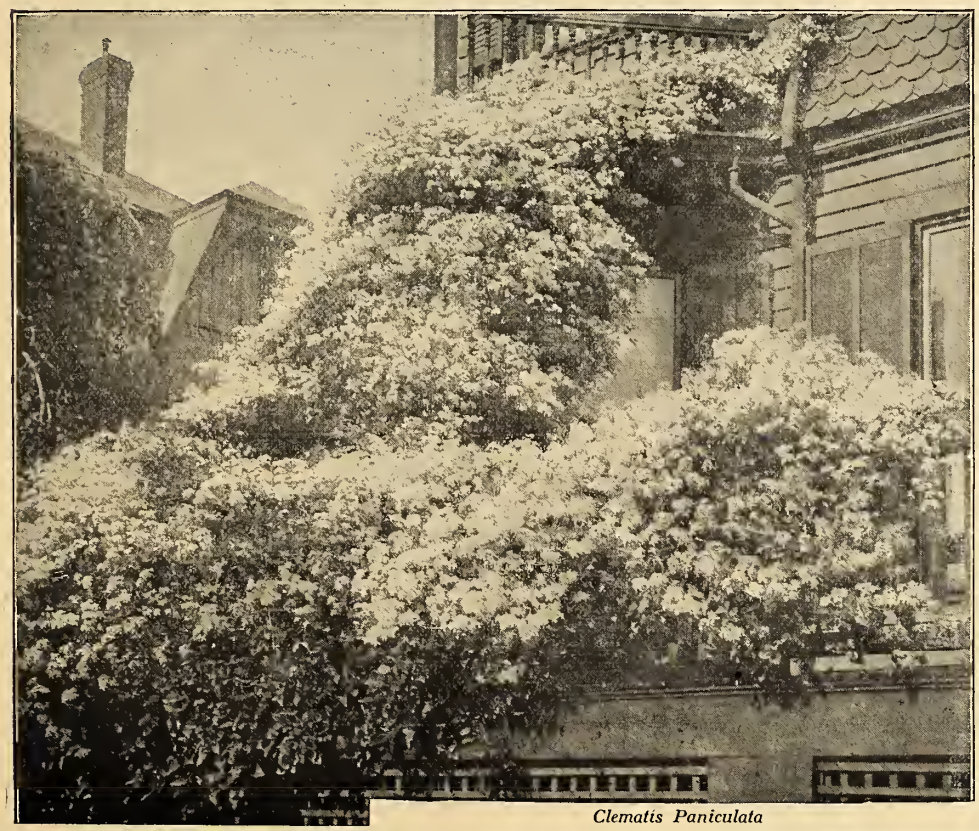
Ampelopsis Veitchii

CLEMATIS—Continued

Coccinea. Produces pretty bell shaped coral-red flowers from early in June until late in Fall. 75c. each (by parcel post, 90c.).

Crispa. This variety bears sweet-scented, lavender flowers. 75c. each (by parcel post, 90c.).

***Henryi.** Creamy white; large single flowers, borne in great profusion. Extra strong pot-grown plants, 75c. each (by parcel post, 90c.).



Clematis Paniculata

***Jackmanni.** Violet-purple; intensely colored, gigantic flower. Extra strong pot-grown plants, 75c. each (by parcel post, 90c.).

***Mad. Edouard Andre.** Velvety red. Flowers are well formed and of great substance; the blooms are gigantic. Extra strong pot-grown plants, 75c. each (by parcel post, 90c.).

Paniculata (*Japanese Virgin's Bower.*) A strong, luxuriant grower, with light green foliage. At the close of August innumerable star-like flowers cover the vine in a sheet of fragrant white. Strong plants, 3 for $1.00 (by P. P., $1.15); $3.00 per doz.; per 100, $18.00. Extra strong plants, 2 for $1.00 (by P. P., $1.15); $5.00 per doz.; per 100, $35.00.

Non-Warranty on Clematis

The large flowering types of Clematis those marked * are injured very easily often when being tied up, by animals and otherwise. We ship these plants in perfect order, after which we must respectfully ask our customers to relieve us of any responsibility in the matter of them growing or thriving.

MICHELL'S CLIMBING PLANTS AND VINES

NOTE—Please read carefully instructions on page 99 before ordering plants.

CINNAMON VINE. Free growing climber, with small white flowers deliciously scented; makes a quick, dense shade. These can be mailed. Extra strong roots, 10c. each; per doz., $1.00; (by P. P., $1.10); $7.00 per 100.

COBAEA—Scandens (*Annual*). A beautiful blue, cup-shaped flowering annual climber; very desirable for lattice covering, etc. Extra strong plants, 4-in. pots, 50c. each (by P. P., 65c.); 6 for $2.50; per doz., $4.00.

EUONYMUS—Radicans. Self-clinging vine, suitable for covering walls, stumps or rockeries, or wherever a vine of slow growing habit is desired; green foliage.

— **Variegata.** Leaves are variegated; otherwise like the above variety.

— **Vegeta.** This plant is regarded far too little in importance; a strictly A-1 variety for climbing stone walls of buildings or otherwise; it ranks favorably with English Ivy, it is evergreen and does not winter kill. The foliage is larger than that of the type Radicans, and the plant produces an orange-colored berry, which remains on the plant the most part of the winter. Euonymus Vegeta should be planted more extensively than it is. Extra heavy plants.

Price of any of the above Euonymus, strong plants, 3 for $1.00 (by P. P., $1.15); $3.00 per doz.; per 100, $18.00.

HONEYSUCKLE. This favorite requires very little comment or description, always yielding a wealth of fragrant bloom.

— **Chinese Evergreen.** Yellow and white variegated flowers; very fragrant; blooms the entire season.

— **Halliana** (*Hall's Honeysuckle*). Flowers pure white, turning to yellow; hardy evergreen; flowers from June until frost.

— **Red Coral or Scarlet Trumpet.** Bright red trumpet-shaped flowers. Blooms all summer.

— **Variegated** (*Aurea Reticulata*). Foliage beautifully mottled yellow and green; flowers white and yellow.

Price of any of the above Honeysuckles, strong plants, 50c. each (by P. P., 60c.); $5.00 per doz.; per 100, $35.00.

HOP VINE (*Japanese*). A rapid grower, with dark green foliage, and bearing a profusion of seed-pods, suitable for many domestic purposes. Strong pot plants, 35c. each (by P. P., 45c.); 3 for $1.00; doz., $3.00.

IVY (*English*). This is an invaluable plant for covering brick and stone walls and buildings. It rarely ever dies out and needs no attention. 4-in. pot-plants, 60c. each (by P. P., 75c.); per doz., $5.00; $40.00 per 100. 6-in. pot-plants, $1.50 each; doz., $15.00.



KUDZU (*Pueraria*). This vine grows a foot a day and makes a dense covering; exceedingly attractive. Towards the end of summer it produces small, rosy-purple flowers. 35c. each (by P. P., 45c.); doz., $3.50; $25.00 per 100.

LATHYRUS (*Hardy Pea*). This is a splendid plant for training on pillars, columns and similar places; it flowers during the greater part of the summer, and is a really splendid cut flower, lasting well, and very effective.

—**Latifolius.** Rich red.

— **Pink Beauty.** Beautiful rose pink.

— **White Pearl.** Pure white, giant flower trusses.

Price of Lathyrus, strong plants, 3 for $1.00 (by P. P., $1.20); $3.00 per doz.; per 100, $20.00.

LYCIUM (*Matrimony Vine*)—**Barbarum.** A dense growing climber, somewhat shrubby in nature. In late summer the small purple flowers are followed by a crop of red berries, which remain until late winter. Extra heavy plants, 50c. each (by P. P., 60c.); $5.00 per doz.

MADEIRA OR MEXICAN VINE. The tubers if planted deep and protected during the winter are hardy. The leaf is very deep green, and grows very dense; the flower is very small, white in color. Strong roots, 10c. each (single roots, mailed free); per doz., $1.00 (by P. P., $1.10); $7.50 per 100 by express.

MOON VINE—Noctiflora (*Annual*). A pure white variety, blooming toward evening and in the forenoon; the flowers are frequently 6 inches in diameter. Extra strong plants, 50c. each (by P. P., 65c.); doz., $4.00.



Polygonum Auberti

POLYGONUM

Auberti. For porches, lattice work, fences, pergolas and buildings. A useful vine which is perfectly hardy and free from disease or pests. It is quick growing, a small plant will make twenty-five to thirty feet of growth the first summer; snowy white flowers, borne in long clusters, which turn rose color with age. The foliage is clean looking and apart from its wonderful flower effect will please everyone. It will not cling to the wall, but will ramble over anything that will support it.

Extra strong pot-grown plants, 75c. each (by P. P., 90c.).

WISTARIA. This flowers in the latitude of Philadelphia during May. A strong developed vine produces hundreds of flower panicles, while no foliage is visible until after the flower is faded. They thrive best in the sun, and with an application of cow manure once or twice a season they respond marvelously.

Chinensis (*Chinese Wistaria*). Pale blue; somewhat fragrant. Extra strong plants, $1.00 each (by P. P., $1.15).

Chinensis Alba. A beautiful white flowering form of the above. Extra strong plants, $1.00 each (by P. P., $1.15).

MICHELL'S HARDY DECORATIVE FLOWERING SHRUBS

A planting of Shrubs massed around the boundaries of a garden forms a harmonious background against which the bright colored Peonies, Poppies, Iris, Phlox and other Hardy Perennial Plants appear to their best advantage.

Because of their easy culture, rapid growth, adaptability to most any situation and their great diversity in size, foliage and bloom, the shrubs are of first importance in creating landscape beauty. There are many suitable locations for planting shrubs about the home grounds. The house foundation and the angles and corners should be softened by shrubs of medium height. Spiraeas, Hydrangeas, Berberis, Deutzias and others of a like nature are suitable for this purpose.

Taller shrubs such as Lilacs, Philadelphus and Altheas are better planted along the sides and rear of the grounds. Here they can be used to give a frame to the property, block out undesirable views and serve as a screen for any purpose desired. Such group plantings should be made in the nature of borders, and the shrubs selected and arranged to give a continuance of bloom, pleasing foliage combinations together with a Fall and Winter coloring of bark and berries.

In planting, space the larger growing shrubs, such as Lilacs from four to five feet apart; medium tall shrubs, such as Spiraea Prunifolia three to four feet apart, and dwarf growing sorts such as Berberis or Deutzia Gracilis, two to two and one-half feet apart. Dig holes of ample size, place the plant, and after filling in with two-thirds of good top soil, add water to the level of the ground and allow this to settle. After the water has passed away, complete the filling in of the soil.

In pruning, remember that all early flowering shrubs bloom on the last year's wood and should not be pruned until after they have bloomed (otherwise the blooms will be destroyed for that season), at which time the old worn out wood and all weak growths should be cut away, allowing the vigorous young shoots to remain. The late flowering Shrubs, such as Altheas, Hydrangeas, etc., bloom on the wood made this season. These should be pruned early in the Spring, cutting them back severely to induce a vigorous new growtn.

ALTHEA (*Rose of Sharon*). These thrive almost anywhere, producing their bloom from July till September.

—**Alba Plena.** Pure white; double.

—**Atropurpurea Plena.** Double purple.

—**Lady Stanley.** Semi-double; pale pink, splashed with carmine. Plants, 2 to 3 feet high, 75c. each (by P. P., 90c.).

AMYGDALUS—Alba Flore Pleno (*Flowering Almond*). Erect, slender branches, which are covered in May with small, very double, fragrant white flowers. Strong plants, 2 to 3 feet, $1.50 each (by P. P., $1.65).

—**Rosea Flore Pleno.** Identical with the above, but bearing pink flowers. Strong plants 2 to 3 feet, $1.50 each (by P. P., $1.65).

AZALEAS. A family of dwarf bushy shrubs, bearing a great profusion of flowers in the Spring and succeeding best in a partially shaded position. Very useful for planting in the shady border or in groups by themselves.

—**Amoena.** An evergreen variety, literally covered with masses of rosy-crimson flowers in the late Spring. Bushy plants 8 to 10 inches, $1.50 each (by P. P., $1.75).

—**Hinodegiri.** Another evergreen variety and one of the best, bearing fiery-red single flowers in great profusion. Very desirable on account of its color. Bushy plants 8 to 10 inches, $2.00 each (by P. P., $2.25).

—**Mollis.** This is a decideous variety, dwarf and bushy. The flowers are large and are produced in clusters on the ends of the shoots in May. We offer mixed colors only, which vary from pale yellow to the deeper orange and even scarlet. Strong plants 12 to 15 inches, $2.50 each (by P. P., $2.75).

BERBERIS—Thunbergii (*Japanese Barberry*). See page 130.

BRIDAL WREATH. See Spirea Prunifolia.

BUTTERFLY BUSH. See Buddleia, page 128.

CALLICARPA PURPUREA (*Beauty Fruit*). A beautiful shrub growing about 3 feet high, with graceful branches that are covered in August with tiny pink tinted flowers. These are followed in late September by violet purple berries borne in clusters from the axil of every leaf; these remain on the plant until the middle of the Winter. 75c. each (by P. P., 90c.).

CALYCANTHUS—Floridus (*Sweet Shrub*). Chocolate-colored double flowers, with a peculiar agreeable odor. Blooms in June. 3 to 4 feet, 75c. each (by P. P., 90c.).

CERCIS—Canadensis (*Judas Tree or Red Bud*). A tall, slender growing shrub, developing eventually into a large tree. Very early in the spring the leafless branches are covered with delicate deep pink flowers. 4 to 6 feet plants, $1.00 each.

Shipping Seasons are usually from March 15th to May 1st and from October 15th to November 15th.



Althea (Rose of Sharon)

CORNUS (*Dogwood*). This plant is so well known that it hardly needs description. The flowers appear before the foliage in May. In autumn it takes on a rich crimson shade.

—**Florida** (*White Flowered Dogwood*). Strong plants, 2 to 3 feet, $1.75 each (by P. P., $2.00).

—**Rubra** (*Pink Flowered Dogwood*). 2 to 3 feet, $5.00 each (by P. P., $5.25).

—**Elegantissima** (*Variegated Dogwood*). A beautifully variegated shrub which should be planted more freely. Strong plants, 2 to 3 feet high, $1.00 each (by P. P., $1.15).

—**Lutea** (*Golden-twigged Dogwood*). Bright yellow branches in Winter. Strong plants, 2 to 3 feet high, 75c. each (by P. P., 90c.).

—**Sibirica** (*Siberian Dogwood*). Branches, a bright, coral red which are quite ornamental for Winter effects. Strong plants, 2 to 3 feet high, 75c. each (by P. P., 90c.).

CRAB. See Malus.

SPECIAL NOTICE ON GUARANTEE

We spare no effort to supply decorative shrubs of the best quality in first-class living condition. On account of the many causes beyond our control we regret we cannot guarantee this stock to live and establish itself, as that is usually entirely within the power of the buyer or planter. If customers desire us to guarantee decorative shrubs to live we will assume such guarantee at an advance of 25 per cent. over and above our usual prices, but not otherwise, and such guarantee will expire within 90 days from date of shipping.

BUDDLEIA—Variabilis Magnifica (*Butterfly Bush or Summer Lilac*). See color plate opposite.

This is perhaps the most popular of our garden and hardy border shrubs, being almost continually in flower from July until frost. The bush grows to a height of about four feet and produces an abundance of flower spikes, which are made up of myriads of miniature florets of a beautiful lilac shade. The flowers are very fragrant and attract butterflies in great numbers, from which fact the shrub has gained its name. Even a small plant will flower freely the first season, if planted early.

Late in Fall a mound of earth should be drawn up around the base of the plant to a height of 10 to 12 inches as a protection to the eyes at the base of the stem, which will produce the growth the next season. Early in the Spring the mound of earth should be removed and the entire plant should be cut down to within 6 inches of the ground. Strong plants that will bloom the first season. 3 for $1.00 (by P. P., $1.15); 6 for $1.75 (by P. P., $2.00); 12 for $3.50; 25 for $6.50; $20.00 per 100, by express not prepaid.

CHIONANTHUS—Virginica (*White Fringe*). In May and June the tree is covered with long, fluffy panicles of fine white bloom. Strong plants, 2 to 2½ feet, $1.50 each (by P. P., $1.65).

CLETHRA—Alnifolia (*Sweet Pepper Bush*). Of low and dense growth; has numerous spikes of small white fragrant flowers appearing in July; desirable for moist places or along water edges. One of the prettiest of our native shrubs. 2 to 3 feet, 75c. each (by P. P., 90c.).

CYTISUS—Laburnum (*Golden Chain*). A large shrub with shining green leaves and long drooping racemes of yellow flowers, which appear in the early summer. $1.00 each (by P. P., $1.15).

DEUTZIA. The Deutzias are among the most useful of our summer flowering shrubs. For planting either individually or in masses they are very attractive.

—**Candidissima Fl. Pl.** Abundant racemes of double, pure white flowers in June; luxuriant foliage, and fine habit. 3 ft. plants.

—**Crenata Rosea Fl. Pl.** Double flowering; white tinged pink. 3 ft.

—**Gracilis.** Of dwarf, bushy habit; white flowers. 18 inches.

—**Pride of Rochester.** The flowers, borne in large panicles, are pinkish white, with under-side of the petals rose. June.

Any of the above Deutzias, 75c. each (by P. P., 90c.).



Deutzia, Gracilis

DOGWOOD. See Cornus.

EUONYMUS ALATA (*Cork-barked Euonymus*). Small delicate flowers in late Spring are followed by attractive red berries in the Fall. Curious corky bark, brilliant Autumnal foliage. Best for individual planting. 18 to 24 inches, $1.00 each (by P. P., $1.15).

EXOCHORDA GRANDIFLORA (*Pearl Bush*). A medium sized shrub, producing white flowers in graceful clusters, early in the Spring; very graceful and fine for cut flowers. Strong plants, 18 to 24 inches, $1.00 each (by P. P., $1.15).

FLOWERING ALMOND. See Amygdalus.

FLOWERING CRAB. See Malus.

Shipping seasons are usually from March 15th to May 1st, and from October 15th to November 15th.



Forsythia, Fortunei

FORSYTHIA (*Golden Bells*). Bright golden-yellow, star-shaped flowers burst into bloom just as winter is leaving and while the bush is otherwise bare.

—**Fortunei.** Erect growing with dark green foliage; strong plants, 4 feet.

—**Intermedia.** April. Vigorous grower with slender, erect or arching branches. Considered by many as the best of the family.

—**Suspensa.** Graceful, drooping tendency. Frequently planted on banks and slopes. Beautiful as specimens or in masses.

—**Viridissima.** Erect shoots, spreading branches and excellent foliage that assumes a rich Autumnal tint and persists until early Winter.

Price of Forsythias, 75c. each (by P. P., 90c.).

GOLDEN BELLS. See Forsythia.

GOLDEN CHAIN. See Cytisus.

HONEYSUCKLE. See Lonicera.

HYDRANGEA—Arborescens Grandiflora Alba (*Snowball Hydrangea*). The snow-white blooms are of the largest size, coming into flower early in June and lasting until late in August. Is more hardy than any other sort and especially suited for shaded places. 2 to 2½ ft., 75c. each (by P. P., 90c.).

—**Paniculata Grandiflora.** The large panicles of white flowers are at their best during August, later they take on a reddish cast. These plants look fine used as single specimens on the lawn or grouped in large beds. Strong bush form, 2 ft. plants, $1.00 each (by P. P., $1.15). Extra strong stock, 3 ft., $1.50 each (by P. P., $1.70).

—**Paniculata Grandiflora** (*Standard or Tree Shaped*). These are fine, planted as individual specimens in the lawn or in the center of beds, containing other plants. Stems 2 to 2½ feet long, with shapely heads, $1.75 each (by P. P., $2.00).

—**Quercifolia** (*Oak-leaved Hydrangea*). A handsome spreading shrub with striking foliage, turning in Autumn to a beautiful red. The flowers are produced freely in August, in flat white clusters. Strong plants 18 to 24 inches, $1.50 each (by P. P., $1.65).

JAPAN QUINCE. See Pyrus.

MICHELL'S BUTTERFLY BUSH

(BUDDLEIA VARIABILIS MAGNIFICA)



One of the most popular of our garden and hardy border shrubs. Blooms all summer. Very fragrant; attracts butterflies.

PRICE

Extra strong plants that will bloom the first season
3 for $1.00 (By Parcel Post, $1.15); 6 for $1.75 (By Parcel Post, $2.00).

12 for $3.50; $6.50 for 25; 100 for $20.00.
By express, not prepaid. Ready in April

MICHELL'S HARDY DECORATIVE FLOWERING SHRUBS

JASMINUM—Nudiflorum. A fine shrub for sheltered positions, bearing fragrant yellow flowers very early in Spring. Hardy south of Philadelphia. 75c. each (by parcel post, 90c.).

JUDAS TREE. See Cercis.

LILAC. See Syringa.

LONICERA—Fragrantissima (*Honeysuckle*). March and April. Delightfully fragrant white flowers that come with the first breath of Spring. 75c. each (by parcel post, 90c.).

—Morrowi. An open bush with irregular branches. The foliage is dark green with small white flowers, which appear during May. During the late summer and early autumn the plant is covered with bright red berries. Plants, 3 feet, 75c. each (by parcel post, 90c.).

—Ruprechtiana. A free flowering variety; white flowers during May and June, followed by red fruit. 75c. each (by parcel post, 90c.).

MALUS—Floribunda (*Japanese Flowering Crab*). One of the best of the flowering Crabs. The buds are a warm rose color opening to light pink flowers—the whole forming a shapely bush or small tree. 3 to 4 feet, $1.50 (by parcel post, $1.75).

—Ioensis Plena (*Bechtel's Double Flowering Crab*). A shapely little tree, producing quantities of very double, fragrant flowers of a soft pink, resembling a small Rose in formation. 2 to 3 feet, $1.25 (by parcel post, $1.50); 3 to 4 feet, $2.00 each (by parcel post, $2.25).

—Parkmanii (*Parkman's Flowering Crab*). Rose-colored buds open into little rosy, white flowers; these are succeeded by decorative fruits. The tree is of a rather spreading, irregular habit. 3 to 4 feet, $2.00 each (by parcel post, $2.25).

MOCK ORANGE. See Philadelphus.



Syringa (Lilac)

PHILADELPHUS—Avalanche. One of the newer varieties and one of the best, growing from 6 to 8 feet in height with slender arching branches which are nearly covered with large pure white flowers. Strong plants 18 to 24 inches high, 75c. each (by parcel post, 90c.).

—Coronarius (*Mock Orange*). Handsome foliage and beautiful, fragrant white flowers in May and June. 2 ft. plants, 75c. each (by parcel post, 90c.).

—Grandiflorus. A robust growing variety, bearing large white flowers. 3 ft., 75c. each (by parcel post, 90c.).

PYRUS—Japonica (*Japan Quince*). This shrub is a beautiful sight when covered in the early spring with cherry-red flowers, about the size of an apple blossom. Extra strong plants, 2 ft., 75c. each (by parcel post, 90c.).

RED BUD. See Cercis.

RHUS—Typhina Laciniata (*Dwarf Cut-leaved Sumac*). Low growth and fern-like foliage highly colored in the fall months. 75c. each (by parcel post, 90c.).

ROSE OF SHARON. See Althea.

SNOWBALL. See Viburnum.



Spirea, Van Houttei

SPIREA—Anthony Waterer. Of dwarf, dense habit, bearing a profusion of crimson flowers. 18 inches.

—Prunifolia (*Bridal Wreath*). The pretty double white flowers are all along the almost leafless stem about May 1st, just as the leaves are budding. 3 feet.

—Thunbergi. One of the prettiest of the dwarf shrubs, with fine delicate foliage and a profusion of small white flowers in the early Spring. 18 inches.

—Van Houttei. The most beautiful of all white Spireas, flowering in May, when it is a complete fountain of white bloom. 3 feet.

Price of Spireas, 75c. each (by parcel post, 90c.).

SYRINGA (*Lilac*)**—Charles X.** A strong growing variety bearing large trusses of reddish purple flowers. $1.25 each (by parcel post, $1.45).

—Japonica. A very desirable free flowering tree, bearing during June and July fragrant white flowers in large panicles. $1.00 each (by parcel post, $1.20).

—Marie Legraye. A dwarf growing variety, producing immense trusses of beautiful creamy white flowers; one of the most popular single white sorts. $1.25 each (by parcel post, $1.45).

—Vulgaris. Common purple, sweet-scented lilac. 75c. each (by parcel post, 90c.).

—Vulgaris Alba. Pure white type of the above, but more fragrant. 75c. each (by parcel post, 90c.).

Shipping Seasons are usually from March 15th to May 1st and from October 15th to November 15th.

SUMAC. See Rhus.

SWEET PEPPER BUSH. See Clethra.

SWEET SHRUB. See Calycanthus.

TAMARIX—Africana. Strong, slender, upright growth, with panicles of feathery pink flowers in May. 3 to 4 feet, 75c. each (by parcel post, 90c.).

—Hispida Aestivalis. A distinct variety, bearing delicate sprays of soft pink flowers in July and August, very light and feathery. 2 ft. to 3 ft., 75c. each (by parcel post, 90c.).



Viburnum Plicatum

VIBURNUM OPULUS (*High Bush Cranberry*). One of the most popular shrubs, bearing clusters of white flowers in June, followed by bright scarlet berries in Autumn, which are very attractive throughout the winter. Strong plants, 2 ft. to 3 ft., $1.00 each (by parcel post, $1.15).

—Opulus Sterilis (*Snowball or Guelder Rose*). This is the popular white Snowball, filled with large globes of white flowers in May. Strong plants, 2 ft. to 3 ft., $1.00 each (by parcel post, $1.15).

—Plicatum (*Japanese Snowball*). A desirable shrub. Should be in every garden or on the lawn; perfectly hardy; blooms in June. Extra fine plants, 2 to 3 feet, $1.00 each (by parcel post, $1.15).

—Tomentosum. Distinct from all other varieties of Snowball, both in foliage and flower; the latter are more flat than those of the other varieties and followed by decorative red fruits, changing to black as they ripen. Strong plants, 2 to 3 feet, $1.00 each (by parcel post, $1.15).

VITEX AGNUS CASTUS (*Chaste Tree*). A shrub or small tree, with strong aromatic odor; dense spikes of pale lilac flowers from July to September. Strong plants, 2 feet, 75c. each (by parcel post, 90c.).

WEIGELIA—Candida. Flowers abundantly in June and July; additional bloom is also shown during the autumn months. The tube-shaped flowers are pure white; fine for cutting. Plants, 2 to 3 feet, 75c. each (by parcel post, 90c.).

—Eva Rathke. Of erect form and vigorous habit. The deep carmine-red flowers are the best of the red-flowering sorts; 2 to 3 feet, 75c. each (by parcel post, 90c.).

—Rosea. Remarkably showy flower; numerous spreading branches and dark green leaves. The rose-colored blooms are produced in great abundance. 75c. each (by parcel post, 90c.).

—Rosea nana variegata. Silvery variegated leaves and pale pink flowers. 75c. each (by parcel post, 90c.).

WHITE FRINGE. See Chionanthus.



Symphoricarpus (Snowberry)

SYMPHORICARPUS—Racemosus (*Snowberry*). Small red flowers are succeeded by many white berries, remaining on the plant through half the winter. Strong plants, 75c. each (by parcel post, 90c.).

—Vulgaris (*Red fruited or Indian Currant*). This is a well known shrub, bearing pink flowers followed by bright red fruit. 75c. each (by parcel post, 90c.).

Shipping seasons are usually from March 15th to May 1st, and from October 15th to November 15th.



Weigelia, Eva Rathke

MICHELL'S CHOICE THRIFTY HEDGE PLANTS

NEW RED-LEAVED JAPANESE BARBERRY

It is similar in all respects to the green-leaved Japanese Barberry which is so popular for mixing in the shrubbery border, as single specimens, or for planting in clumps on the lawn, as well as for foundation planting and for hedges, but the foliage of this new variety is of a rich, lustrous, bronzy red, similar to the richest red-leaved Japanese Maples. As the season advances, this new Barberry becomes more brilliant and gorgeous throughout the summer, and in the fall its foliage changes to vivid orange, scarlet, and red shades, more brilliant and more effective than in the ordinary Japanese Barberry. In this coloring it is unequaled by any other shrub and is followed by the same brilliant scarlet berries common to the type, which remain on the plant the entire winter.

All that is required to develop its brilliant coloring at all seasons is that it be planted in full exposure to the sun.

	Each	Doz.
Strong 1 year old plants	$0.75	$7.50
Strong 2 year old plants	1.25	12.00

BERBERIS THUNBERGII (Japanese Barberry)

A good hardy plant of low dense growth. There is an air of grace and refinement to the Barberry Bush which is not embodied in any other hedge plant. It is a brilliant light green from early spring to winter, it should be regarded as a shrub as it can be planted individually in lawn or border. The slender branches are prickly, with small thorns, and tend to make a defensive hedge that few animals will attempt to penetrate. In autumn the foliage is a bright crimson; when it falls a profusion of scarlet berries, which remain throughout the winter, are revealed on the branches.

Height	Each	Doz.	100
9 to 12 inches	$0.25	$2.50	$15.00
12 to 18 inches	.35	3.50	25.00
18 to 24 inches	.50	5.00	35.00

If wanted by parcel post, add 25c. per doz. for mailing charges.

BOXWOOD, Dwarf, for Edging

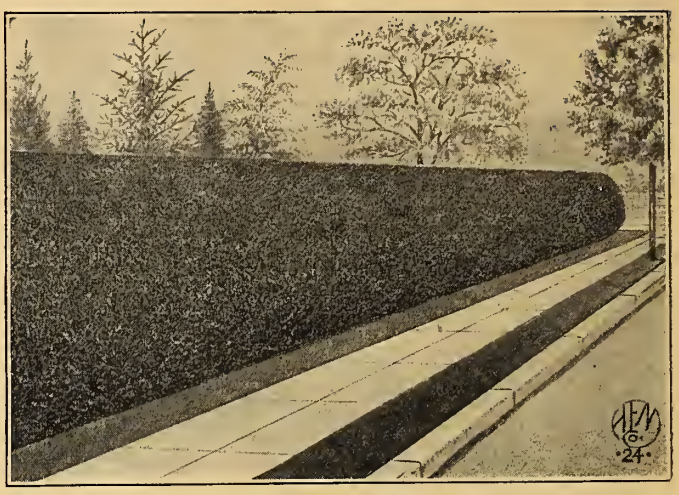
We have a quantity of dwarf edging, nice bushy stock for edging beds and paths. Boxwood grows into value and adds charm to the garden that no other plant can do.

	Each	Doz.	100
6 to 8 inches high	$0.50	$5.00	$35.00
8 to 10 inches high	1.00	10.00	80.00
10 to 12 inches high	1.50	15.00	100.00
12 to 15 inches high	2.00	20.00	150.00

LODENSE PRIVET

A new variety of which the name is very descriptive, as it is dwarf and compact in growth, very much like Boxwood. It makes a low thick hedge which requires but very little trimming, in fact rows of this Privet at our Nursery, that have been growing there for three years are as symmetrical as one could wish and these plants have had no trimming whatever. It can also be planted as single specimens, as it naturally grows almost a perfect ball shape.

	Each	Doz.	100
2-yr. old plants, 9 to 12 inches	$0.50	$5.00	$40.00
3-yr. old plants, 15 to 18 inches	.75	7.50	55.00



California Privet

CALIFORNIA PRIVET

Unlike a fence, which needs painting, repainting, etc., and then never looks well, this hedge is no further expense after planted, and it adds dignity and charm to any home, and increases the value of real estate. Being absolutely hardy, it increases in beauty with each successive year. Privet is somewhat of an Evergreen nature and looks attractive until real winter sets in. Plants should be set 12 inches apart in double rows, in zig-zag fashion, so that the plants are diagonally opposite each other; this practically places them 6 inches apart, which is desirable to get a quick, dense growth. Plant from October 15th till the ground freezes, and from March 15th to May 15th.

Height	Doz.	100	1000
1-yr. old, 18 to 24 inches	$1.25	$6.00	$50.00
2-yr. old, 24 to 30 inches	1.50	8.00	70.00
2-yr. old, 30 to 36 inches	2.00	10.00	90.00

Privet plants are best shipped via express.

GOLDEN OR VARIEGATED PRIVET

Like the California variety, but each leaf is margined and blotched golden yellow, giving it, from a distance, a striking appearance. We recommend it especially for placing among shrubbery or for planting on the lawn; the contrast between the grass and golden foliage is beautiful. **Bushy Plants,** 75c. each (by parcel post, 90c.); doz, $7.50.



HYDRANGEA HORTENSIS

This class of Hydrangeas is planted extensively at many of the Atlantic seashore resorts and while it is perfectly hardy there it is not reliably hardy inland, even in the latitude of Philadelphia, unless planted at the side of a porch or building where it has some protection from the winter sun. Outside of these favored locations we recommend tub culture as the most satisfactory.

They should be left outside as late in the fall as possible, care being taken, however, to avoid sharp frosts, which would injure the buds.

They should then be removed to a cool, light cellar where they will have a temperature of about 40 degrees and given only enough water to keep the roots from drying up and the branches from shriveling. The plants should be brought out in the early spring and well watered; provision should be made, however, to protect them from late frosts.

In some soils these will flower blue naturally and in other soils the flowers will be pink.

If you wish to have blue flowers when they naturally come pink this may sometimes be attained by incorporating with each bushel of soil one-half pound of lump alum broken into small pieces.

Otaksa. This is the old-fashioned favorite Japanese variety that usually flowers pink, and is the ideal variety for planting extensively at the seashore.

2¼-inch Pot Plants, 3 for $1.00 (by P. P., $1.10); $3.00 per doz. (by P. P., $3.25).
4 -inch Pot Plants, 2 for $1.00; $5.00 per doz.
6 -inch Pot Plants, $1.25 each; doz., $12.00.
7 -inch Pot Plants, $2.00 each.

MICHELL'S SELECT FRUITS

PLEASE NOTE.—The following states forbid the shipment of Gooseberries and Currants within their boundary, owing to their quarantines against the White Pine Blister Rust. We are therefore unable to accept orders for these plants for shipment into—California, Colorado, Delaware, Georgia, Idaho, Kansas, Maine, Maryland, Massachusetts, Minnesota, Montana, Nebraska, Nevada, New Hampshire, North Carolina, Oregon, South Carolina, South Dakota, Tennessee, Utah, Washington, West Virginia and Wisconsin.

HAVE YOUR OWN FRESH PICKED FRUIT

Unquestionably one of the joys of living in the country or suburbs is the fact that one can plant a plot of fruit; the space at command will of course govern what you may have, but in the wide variety there is at least one or more for which space should be made. None bought in the market can compare with those picked fresh by yourself when you want them. Any surplus that cannot be consumed may be put up for winter use.



Blackberries

BLACKBERRIES (Extra Strong Plants)

Blackberries thrive most anywhere. The plants are subject at times to attacks of rust, particularly during prolonged wet spells in summer. A spraying, especially underneath the foliage, with copper solution, usually arrests this. However, if the disease spreads too much, it is best to dig up the bushes, burn them and plant new ones in another part of the garden. If they are sprayed before being affected it is the best plan.

Eldorado. A very vigorous grower, free from mildew or rust; very productive; fruit large, excellent quality and without core.

Mersereau. Remarkably strong grower. An enormous producer of extra size berries, which are brilliant black, and retain their color under all conditions; very sweet and without core. Unsurpassed as a shipper and keeper.

Ward. An extra strong grower; produces an enormous crop of extra large, glossy black berries, which are rich, sweet, and tender and with no hard core.

Price of Blackberries. 6 for 75c. (by P. P., 85c.); $1.00 per doz. (by P. P., $1.15); per 100, $7.00.

Shipping Seasons for small fruits are usually from March 25th to May 15th and from November till freezing time.

SPECIAL NOTICE ON GUARANTEE

We spare no effort to supply "small fruit" bushes of the best quality in first class living condition. On account of the many causes beyond our control we regret we cannot guarantee this stock to live and establish itself, as that is usually entirely within the power of the buyer or grower. If customers desire us to guarantee these and trees and shrubs to live we will assume such guarantee at an advance of 25 per cent, over and above our usual prices, but not otherwise, and such guarantee will expire within 90 days from date of shipping.

CURRANTS

(Extra Strong Plants)

Currants like good, rich soil. They are particularly susceptible to scale, and steps should be taken to keep them free from this by liberal spraying, when the bushes are dormant.

Red Dutch. An old and well-known standard variety; clusters average about three inches long; berries medium in size; dark red.

Price. Strong 2-year old, 3 for $1.00 (by P. P., $1.15); per doz., $3.00 (by P. P., $3.25); $20.00 per 100.

Carney's Point, N. J.

I am very well satisfied with the plants I received from you; do not think they could have been any better. J. L. V.



Currants

GOOSEBERRIES

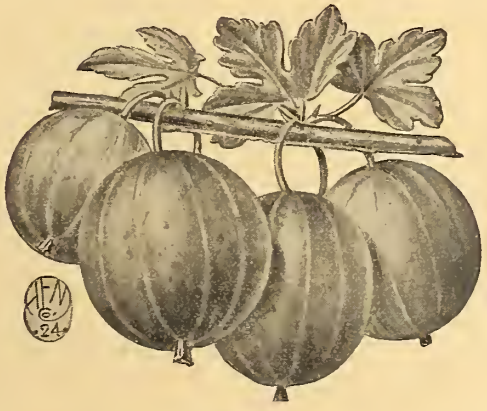
(Extra Strong Plants)

Gooseberries should be cultivated during the growing season and fertilized with manure in the early spring or late fall. Poultry or Pigeon manure is splendid fertilizer for the plants, and where it cannot be readily obtained we recommend a liberal application of Sheep manure. They will repay you for this trouble with an extra big crop.

Downing. Medium to large; whitish green; flesh soft and juicy.

Red Jacket. Berries medium; color, pale red; tender and good. A wonderful cropper, with clean, healthy foliage.

Price. 3 for $1.00 (by P. P., $1.15); doz., $3.00 (by P. P., $3.25); $20.00 per 100.



Gooseberries

MICHELL'S SELECT FRUITS

GRAPE VINES

A few of these planted in the garden, after several years will yield abundant crops, and they last for years with little attention except pruning and spraying.

Caco. The most delicious of all Grapes—perfectly hardy; has been pronounced by America's most expert grape growers to equal in high quality and melting texture the finest varieties grown under glass. When one considers the price of the greenhouse product and realizes that the wonderful Caco can be grown in the back yard, almost without attention, the force of the above statement is apparent. The large berry is wine-red. Bunch of good size, compact and of good form. Ripens in ten days to two weeks in advance of Concord; rich in sugar, excellent in flavor. Vine very strong, vigorous grower, healthy and prolific. This is a very fine variety and is easily worth the slight advance in price over the older varieties, 75c. each (by P. P., 85c.); doz., $7.50 (by P. P., $7.75).

Campbell's Early. A valuable and delicious grape; vine very strong, hardy and vigorous, with thick healthy foliage; berries large, black, with light purplish bloom; skin thin; few and small seeds; flavor rich and delicious.

Catawba. Delicious flavor; medium size, red berry.

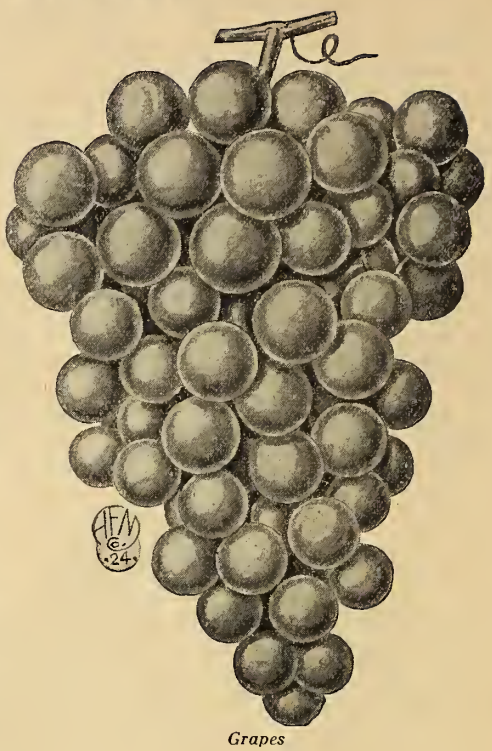
Champagne. A sterling variety of greatest merit. Color a coppery red. Berries very large. Immense producer. Seasons in which other varieties did not fruit, this variety stood out bearing an immense crop. Very strong grower, fifteen to twenty feet or more a season being common. Has never known to winter kill. 75c. each (by P. P., 90c.); doz., $7.50 (by P. P., $7.75).

Concord. The well-known standard purple variety; succeeds wherever grapes will grow.

Moore's Diamond. A strong healthy grower, hardy and productive; color, white; berries large, flesh tender, juicy; but with little pulp; ripens before Concord.

Niagara. An unusually strong grower; bunches very large and compact; berries large, light greenish-white, semi-transparent; has very little pulp and is sweet to the center.

Prices. Any of the above, excepting Caco and Champagne, 2-year old vines, 35c. each (by P. P., 45c.); doz., $3.50 (by P. P., $3.75).



Grapes

EVERBEARING RASPBERRY "RED RANERE" or "St. REGIS"

The most popular Raspberry in cultivation, bearing continually from July until well into November. Its main crop is produced in the earlier period, but substantial quantities may be harvested almost every day until sharp frosts appear. The fruit is of good size, luscious in taste and excellent flavor, in fact there is no good quality any of the regular varieties of raspberries possess that is lacking in Ranere; a few dozen bushes will supply the average family with sufficient for table use and a surplus for canning; the color is a brilliant red. Strong plants, 6 for 75c. (by P. P., 85c.); $1.00 per doz. (by P. P., $1.15); per 100, $7.00.



Cuthbert Raspberry

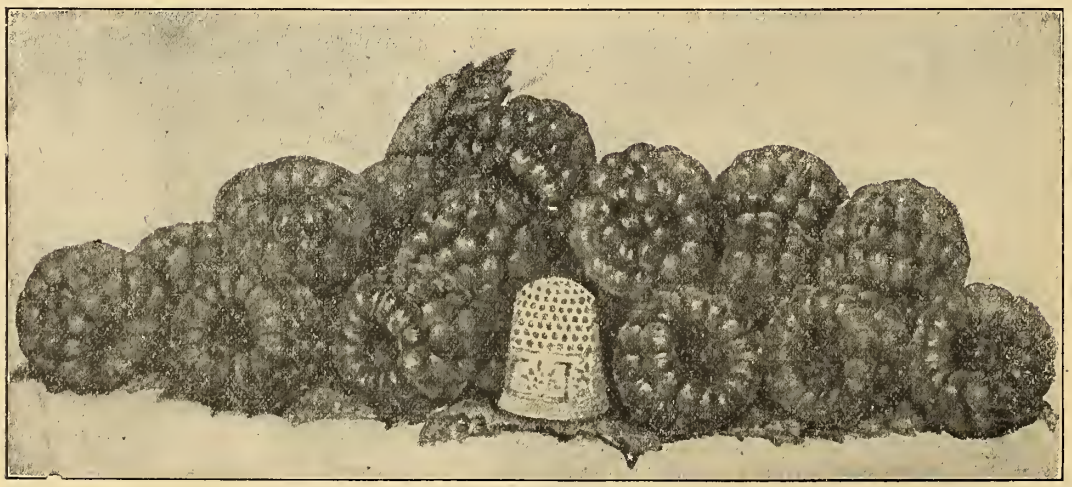
RASPBERRIES

(Extra Strong Plants)

Raspberries should be carefully staked, to get large crops. We also recommend that well-rotted manure or other suitable fertilizer be dug around the bushes, either in the fall or early spring.

Cumberland *(Blackcap)*. The largest raspberry known. Selected specimens measure an inch in diameter.

Cuthbert. Berries very large, measuring 3 inches around; conical; rich crimson; an old-time favorite.

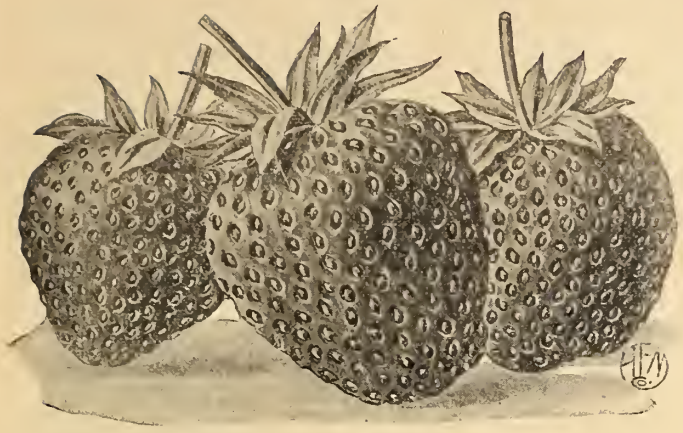


Everbearing Raspberry Ranere

Welch. So sweet and rich in flavor, this was at one time offered as "Honey Raspberry." A mid-season variety with berries of extra large size, good, bright crimson color and honey sweetness, melting and luscious. It is not firm enough to ship well a long distance. The canes are vigorous, hardy and productive. Superb for the home garden.

Price, 6 for 75c. (by P. P., 85c.); $1.00 per doz. (by P. P., $1.15); per 100, $7.00.

Small fruits and fruit trees can best be shipped by Express. No plants or trees sent C. O. D. (on)



Mastodon Everbearing Wonder Strawberry

STRAWBERRY PLANTS

There are two types of Strawberry Plants, one known as "Pot Grown," usually ready for shipping in July and August, and the other known as "Layer Plants," usually shipped in the spring months and the latter is what we are offering here. Layer plants set out in the early spring usually bear a few berries the first season, while the main and succeeding crops come the following season and later. The layer plants should be set out in April, when possible, about 1 foot apart, in rows two feet apart.

EARLY VARIETIES

Premier (*Perfect*). This variety has no weak points, it is a vigorous grower, doing well on all types of soil. The plants are enormously productive, commencing early and bearing through a long season. The berries are beautiful in appearance, having a glossy rich red color extending clear through, and a bright green cap; the flavor is delicious. We consider this one of the very best berries in cultivation.

Senator Dunlap (*Perfect*). This grand Strawberry will please the most critical person. One of the first to yield and continues well into the height of the season. Fruit bright red, glossy and very attractive. It cannot be recommended too highly.

MID-SEASON VARIETIES

Big Joe (*Perfect*). The merits of this splendid variety are great vigor of plant, splendid root system, exceptional productiveness, large size ot fruit, excellent flavor, and length of bearing season. The berries are perfect beauties, of very uniform, conical shape, rich red in color. In size the berries are not surpassed by those of any other variety grown, while the flavor is superior to that of most large fruited sorts.

Glen Mary (*Imperfect*). A very popular berry in the middle and northern states, where it is at its best. The fruit is large, firm, handsome in appearance and of excellent quality. This variety is a robust grower and where it does well will probably produce more fruit per plant than any other variety. The blossoms are about half perfect, therefore the plants should be set close to some strong perfect variety such as "Big Joe."

LATE VARIETIES

Chesapeake (*Perfect*). One of the finest late berries ever introduced, producing very large fruit of a most excellent quality. For best results should be planted in very rich soil and given good care, which will be more than repaid by the quantity and quality of the fruit produced.

Gandy's Prize (*Perfect*). This variety is known to most every berry grower as one of the best late sorts. It is very large, solid and of a beautiful crimson color; especially good for family garden planting.

William Belt (*Perfect*). Chosen for its popularity because of the many good qualities embodied in this one variety. The plant is vigorous, though not a rampant grower; succeeds on all soils, invariably yields heavily, and continues for a long period; the berries are always of large size and highest quality; deep crimson in color and very firm. Continues to bear until almost the close of the season.

Price of the above Layer Strawberry Plants. 25 for $1.00 (by P. P., $1.10); $1.50 for 50 (by P. P., $1.65); 100 for $2.00 (by P. P., $2.25); $17.50 for 1000. We can supply most all other popular varieties though not offered here.

We cannot undertake to supply less than 25 plants of one variety as they are put up in bundles of 25. Shipping season usually begins in April and continues until plants are in blossom.

AUTUMN FRUITING OR EVER-BEARING STRAWBERRY PLANTS

Mastodon. This is unquestionably the most prolific of everbearing varieties. Bears continuously from June till frost; the late bearing fruits being as large as the early crop; berries are of excellent quality. Plants should be grown in single hills as it does not do so well in matted rows. Price, layer plants, 25 for $2.50 (by P. P., $2.60); $4.00 for 50 (by P. P., $4.15); per 100, $7.00 (by P. P., $7.25).

Progressive. The berries are medium in size and delicious in quality. You can get fruit a few weeks after the plants are set and they continue to bear until freezing weather. Price, layer plants, 25 for $1.00 (by parcel post, $1.10); $1.50 for 50 (by parcel post, $1.65); per 100, $2.75 (by parcel post, $3.00); $22.50 per 1000.



A Pot Grown Strawberry Plant

POT GROWN STRAWBERRY PLANTS

Ready after August 1st.
Will be offered in our Mid-summer Catalog, which will be issued about June 15th.

BOOKS ON THE CULTURE OF FRUITS

American Fruits (*Fraser*).	916 pages	$4.75
Bush Fruit Production (*Van Meter*).	128 pages	1.25
Canning and Preserving (*Rorer*).	80 pages	1.00
Grape Culturist (*Fuller*)		2.00
Pruning, Principles and Practice of (*Kains*).	400 pages	2.50
Pruning Manual (*Bailey*).	400 pages	2.50
Small Fruit Culturist (*Fuller*).	287 pages	1.60
Strawberry, The (*Fraser*).	128 pages	1.25

Less than 500 Strawberry plants may be shipped safely by Parcel Post—larger quantities should be shipped by Express
No plants or trees sent C. O. D. (oi)

MICHELL'S SELECT FRUITS

SPECIAL NOTICE ON GUARANTEE

We spare no effort to supply trees of the best quality in first-class living condition. On account of the many causes beyond our control we regret we cannot guarantee this stock to live and establish itself, as that is usually entirely within the power of the buyer or planter. If customers desire us to guarantee trees to live we will assume such guarantee at an advance of 25 per cent. over and above our usual prices, but not otherwise, and such guarantee will expire within 90 days from date of shipping.

APPLES

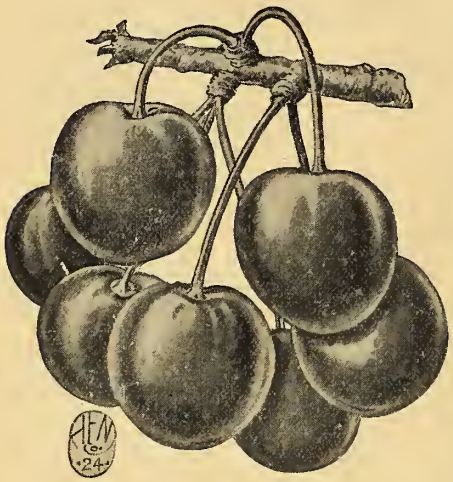
Baldwin. Large round, deep red, late variety.
Ben Davis. A late keeper; handsome striped fruit.
Fall Pippin. Large, yellow, rich and delicious. A good bearer when it reaches maturity. Likes a moist, well-drained soil; a good Autumn apple.
Grimes' Golden. Deep golden yellow; fine for Christmas.
Hyslop (*Crab*). Deep crimson with blase bloom.
Red Astrachan. An old popular variety; tart, juicy; flesh tinged with red; very early.
Stayman's Winesap. Fine variety; good keeper; deep red on a yellow ground.
Transcendent (*Crab*). Yellow, striped red; good yielder.

Price of Apple Trees: 6 to 8 feet high, $1.50 each; 6 for $8.00; $12.00 per dozen.

APRICOTS

As fresh fruit few varieties equal in lusciousness the apricot; should be planted more generally where there is room for trees.
Alexander. Orange yellow with faint blush; firm, coarse flesh, one of the best.

Price of Apricot Trees: $2.00 each; 6 for $9.00; $15.00 doz.



Cherries

CHERRIES

Black Tartarian (*Sweet*). Large, purplish black; immense bearer.
Early Richmond (*Sour*). Dark red, medium size; splendid flavor.
Large Montmorency (*Sour*). Light red; very productive.
Schmidt's Bigarreau (*Sweet*). A good late variety. Fruit large; flesh dark red, very firm, sweet, rich and of good quality.
Napoleon (*Royal Ann*). The best and most profitable yellow sweet cherry. Flesh very firm, juicy and delicious.

Price of Cherry Trees: 5 to 7 feet, $2.00 each; 6 for $9.00; $15.00 per dozen.

PEARS

Bartlett. Yellow, shaded blush; very sweet and juicy; early.
Clapp's Favorite. An excellent table Pear; large, fine grained; yellow with crimson cheek. August.
Kieffer. A fine variety for late autumn and for canning.
Seckel. Small; yellowish brown; very sweet and juicy.

Price of Pear Trees: 5 to 7 feet, $2.00 each; 6 for $9.00; $15.00 per dozen.

PLUMS

Abundance. Amber, turning to a rich, bright cherry color.
Burbank. Orange yellow, overlaid red; rich and sugary.
Imperial Green Gage. Middle of August. A delicious, good-sized free-stone, sweet and juicy. Greenish in color.

Price of Plum Trees: 5 to 6 feet, $2.00 each; 6 for $9.00; $15.00 per dozen.

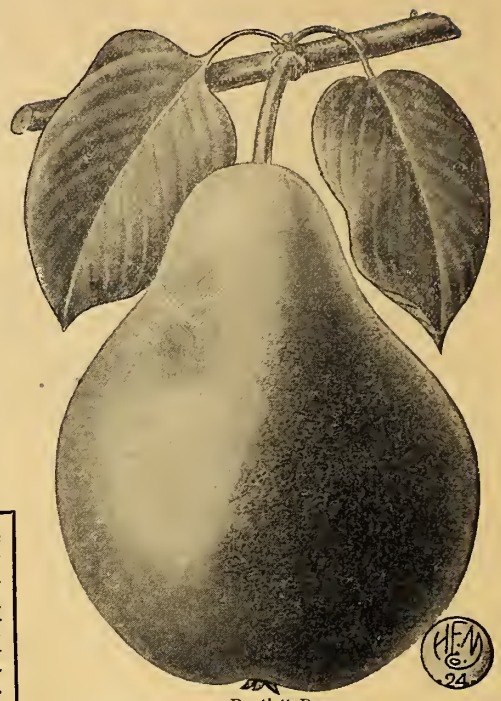
QUINCES

Champion. Very prolific bearer; large fruit.
Orange. Round; golden yellow; fine for preserving.

Price of Quince Trees: 4 to 5 feet, $2.00 each; 6 for $9.00; $15.00 per dozen.

NOTE—We can also supply all other varieties of Fruit Trees.

Fruit trees are best shipped by express; they cannot be sent via parcel post as they are too large, and shipment via freight is not safe.

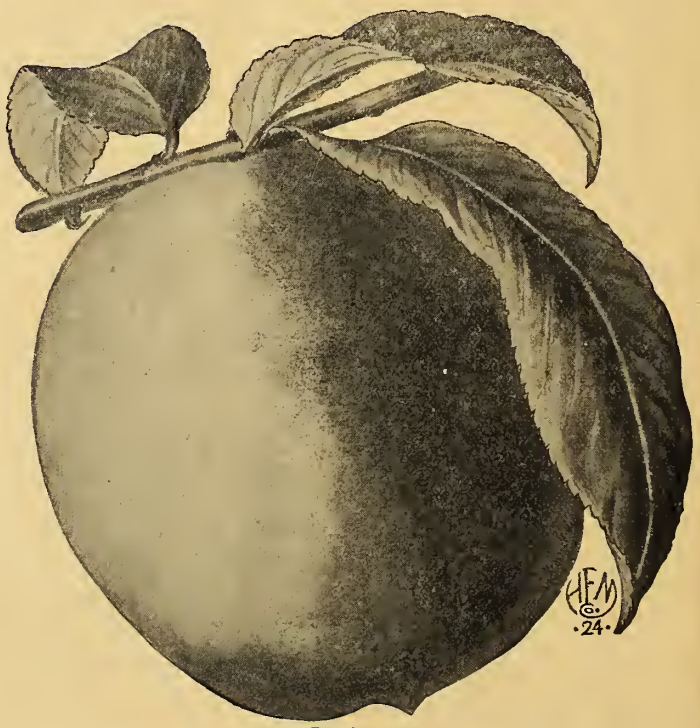


Bartlett Pear

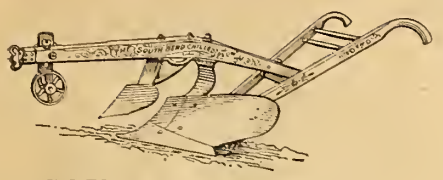
PEACHES

Belle of Georgia. Free-stone; rich creamy white, red cheek.
Carman. Early; pale yellow, red blush; very fine.
Champion. August. A magnificent white peach; extremely rich and juicy; very popular. Should be included in every home orchard. Free-stone.
Crawford's Late. Greenish yellow with dull red cheek.
Elberta. Mid-season; very large; yellow with red cheek.
Fox Seedling. Late September. Skin and flesh white. Free-stone. Fruit large and of high quality.

Price of Peach Trees: 5 to 6 feet, $1.00 each; 6 for $5.00; $9.00 per dozen.



Peach



SOUTH BEND PLOWS

For garden, farm or truckers' work it meets every requirement; made of chilled steel in various sizes to meet all conditions.

No. 1B. Wood beam plain; for one horse.....$12.00
No. 2F. Wood beam plain; for 1 heavy or 2 light horses... 14.50
No. 3F. Wood beam plain; for 2 horses..... 22.50

The prices above are for plain plows with clevis only.

The Nos. 2 and 3 Plows can be equipped with wheel and jointer at the following additional cost; wheel only, $2.00; jointer only, $3.75.

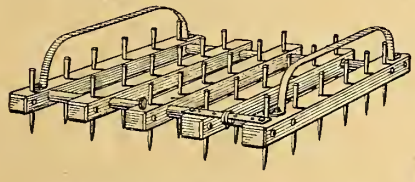
SOUTH BEND PLOW PARTS

	Shares	Mouldboards	Beams
No. 1B	$0.50	$2.25	$2.55
No. 2F	.55	3.25	2.85
No. 3F	.65	4.25	3.20
No. 4F	.70	4.60	3.80

	Complete Handles	Jointer-points	Land-sides
No. 1B	$2.05		$0.75
No. 2F	2.25		1.00
No. 3F	2.50	$0.30	1.25
No. 4F	2.75	.30	1.35

SINGLE AND DOUBLE TREES

No. Price
11 Wood Single Trees, 26-inch, hooks or rings.....$1.50
11 Wood Single Trees, 28-inch, hooks or rings..... 1.60
2 Wood Double Trees, heavy, 36-inch, hooks or rings..... 5.00
3 Steel Single Trees, 26-inch, hooks or rings..... 1.75
1 Steel Double Trees, 34-inch, hooks or rings..... 5.50



GARDENER'S SPIKE TOOTH HARROW

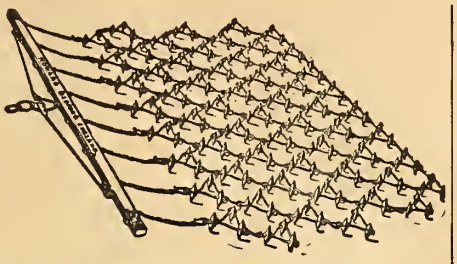
Though old-fashioned in appearance and construction, this harrow is still preferred by many; fitted with runners, upon which it may be turned to take it from place to place. 24 teeth.....$12.50 | 30 teeth.....$13.50

DISC HARROWS

All 2 horse size.

Discs	Diameter	Cut	Price
8	16 in.	4 ft.	$50.00
10	16 in.	5 ft.	60.00
12	16 in.	6 ft.	67.50

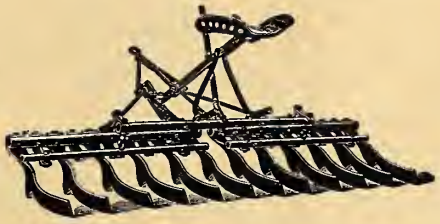
Prices include pole; if Fore Truck is wanted in place of pole, add $10.00 to the above prices.



SCOTCH CHAIN HARROW

One of the best implements for pulverizing the surface soil, leveling and smoothing; also splendid for covering grass seed, etc. Used on driveways and race tracks, it smooths the surface, eliminating ruts and footprints.

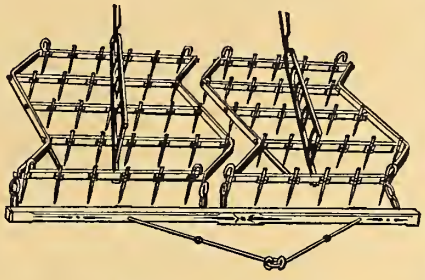
No.	Size	Weight	Price
1F.	One-horse size, 5 x 6 ft.	126 lbs.	$35.00
2F.	Medium two-horse size, 6 x 7¾ ft.	236 lbs.	50.00
3F.	Full two-horse size, 9 x 11 ft.	357 lbs.	65.00



ACME PULVERIZING HARROW

This will be found by those having a large acreage an indispensable implement for pulverizing and crushing the ground.

No. Price
12F 6 ft. covering area, 2-horse.....$30.00
G. 3 ft. covering area, 1-horse..... 15.00
Extra blades or coulters, $1.00 each.



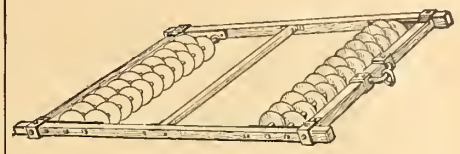
CHAMPION SPIKE TOOTH HARROWS

These are equipped with a lever for lessening or increasing the depth of cultivation and are adjustable instantly. The teeth are equipped so as to readily pass any obstruction in the soil.

Teeth	Sections	Price
25	1	$15.00
30	1	17.00
50	2	30.00
60	2	34.00

CRESCENT SPRING TOOTH HARROWS

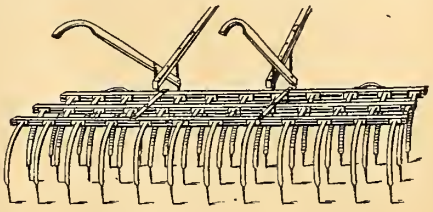
Teeth	Sections	Price
8	1	$21.00
15	2	35.00
17	2	40.00



MEEKER DISC HARROW

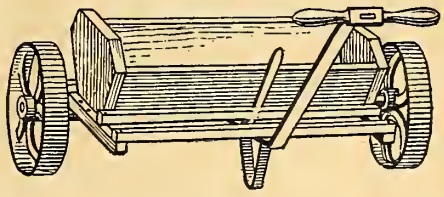
This harrow leaves the soil a fine seed bed, as good as could be prepared with a rake; the ideal tool or implement for dragging over the garden after it has been harrowed; splendid also for dragging over grass field or lawn, prior to sowing grass seed on sod.

No. Price
1. 4 ft. 6 in. x 4 ft., 46 discs, 8 in. diam.$40.00
2. 6 ft. 8 in. x 6 ft., 58 discs, 8 in. diam. 45.00
3. 8 ft. x 6 ft., 82 discs, 8 in. diam..... 60.00



THE KEYSTONE WEEDER

Surface cultivation stirs the soil, keeps down weeds and prevents evaporation of moisture. This weeder can be adjusted to cover a 7½-ft. stretch. Any of the teeth can be easily removed, if it is desired not to cultivate very finely. Excellent for preparing a piece of ground prior to sowing lawn seed, etc. Equipped for one horse. Price, $17.00. (Extra teeth, 40c. each.)



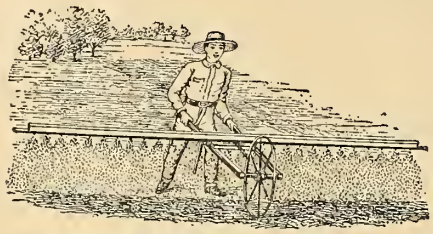
STEVENS FERTILIZER DISTRIBUTOR

For distributing bone meal, wood ashes and other commercial fertilizers on fields, lawns, golf courses, etc., also for sanding putting greens. Insures perfect and even distribution, requiring less time than by the broadcast hand process.

Hand Machine. Holds about 2 bu., covering area 3 feet wide. Price, $25.00.

Horse Machine. For use on large lawns, fields and golf grounds. It is furnished equipped for either one or two horses, as may be desired. 5 foot, 10-inch spreading area, $72.50; 8 foot, 3-inch spreading area, $77.50.

Our Garden Tool and Sundries Department we believe to be the most fully equipped of any seed store in the United States. Most every article of real merit for horticultural work will be found here, and of the best quality.



WHEELBARROW GRASS SEEDER

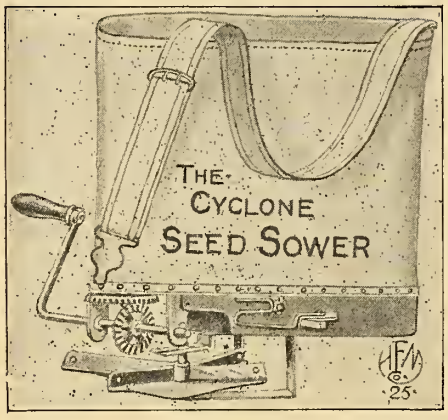
A practical machine for use on the Farm and also for sowing Parks and Golf Grounds; quickly regulated to sow different quantities per acre. The distributing box is very near the ground, which is an important feature, preventing the seed from blowing away and thus coming up unevenly. No. 9 (especially for Grass Seed), sows a width 14 ft. Price, $16.00.



BROADCAST SEED SOWERS

For accurately sowing Timothy, Clovers, Millets and heavy seeds of grass and other farm crops. Can be regulated to sow any required quantity per acre.

	Each
Cahoon	$5.50
Cyclone	3.00





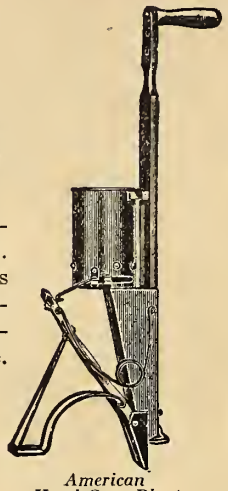
SOWRITE SEED SOWER

Latest Model

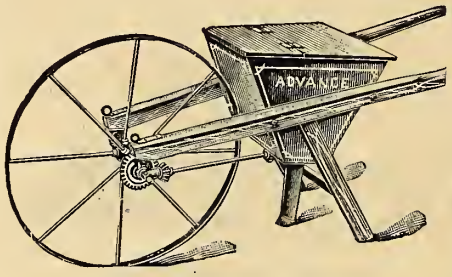
Sows all seeds up to the size of Sweet Peas and less; made of copper, nickel-plated. Price, $1.50 each.

AMERICAN HAND CORN PLANTER

A great seed economizer and labor saver. Easily operated; works in all kinds and conditions of soil; accurate and reliable. Price, $3.50.

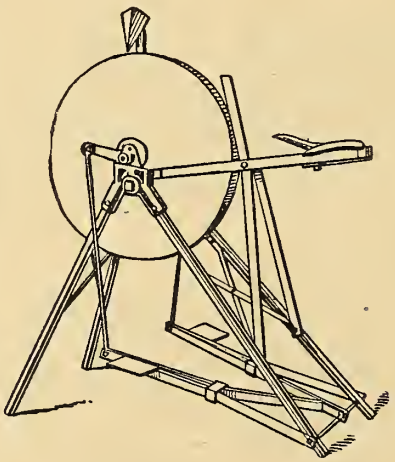


American Hand Corn Planter



"ADVANCE" DRILL

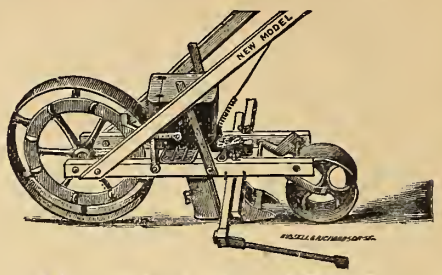
A splendid machine for drilling in fertilizer prior to planting, or between the rows to stimulate growth after the plants are started. A shut-off, to prevent the escape of fertilizer when wheeling around end of row, is a late improvement. First-class for drilling of peas, beans, corn, etc. Price, $22.50.



STERLING MOUNTED GRINDSTONE

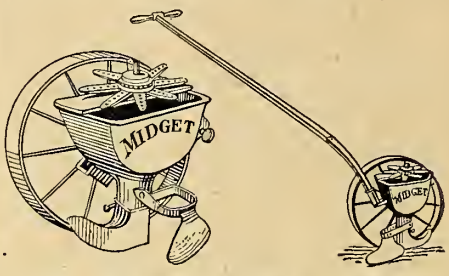
Substantially made; heavy steel frame with seat and double treadles; fitted with improved ball bearings of the very best quality, encased so they will keep clean. Stone, 19 to 22 inches diameter, 1¾ to 2¼ inches thick. Weight 100 lbs.

Shipped knocked down, crated. Price $12.00.



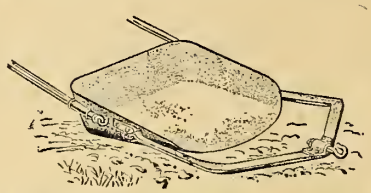
MODEL SEED DRILL

The depth of sowing can be easily regulated. A typical market gardener's drill, having a large capacity for seeds. Price, $15.00.



THE MIDGET SEED DRILL

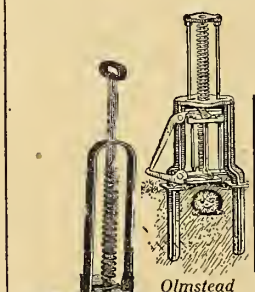
The Midget Seeder will pay for itself in a short time, because it saves seed by sowing accurately. It drills almost any kind of garden seed, including peas and beans. The Midget opens the furrow, sows the seed and covers up, all in one operation. Weight 6 pounds. No. 1. Price, without handle, $4.00; with handle, $4.50.



STEEL ROAD SCOOPS

For dragging soil from one place to the other, grading, filling in, etc.

No.	Capacity	Price
1.	7 cubic feet	$12.00
2.	5 cubic feet	11.50
3.	3 cubic feet	11.00



Olmstead



Reddick

MOLE TRAPS

Complete Booklet on the Habits of the Mole free, or included with each Mole Trap if asked for at time of ordering.

For catching moles that ruin lawns and damage the contents of hotbeds and cold frames. Moles move usually about 5 A. M. and 5 P.M., so that traps should be set for that period. See illustrations above.

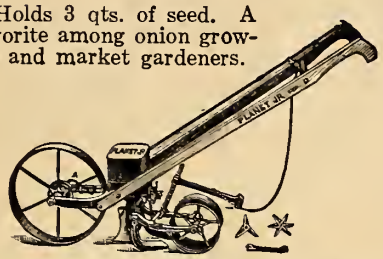
Olmstead	$2.00 (by P. P., $2.25)
Reddick	1.50 (by P. P., $1.75)

PLANET JR. SEEDERS, WHEEL HOES, ETC.

No. 3 PLANET JR. HILL AND DRILL SEEDER

Price, $17.50

Holds 3 qts. of seed. A favorite among onion growers and market gardeners.



The flow of seed is instantly started or stopped by the cut-off rod. Sows in large or small quantities in drills or in hills.

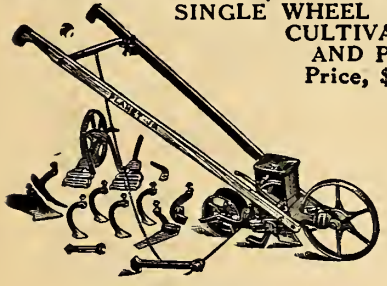
No. 4 PLANET JR. HILL AND DRILL SEEDER, WHEEL HOE, CULTIVATOR AND PLOW
Price, $18.00



Sows all garden seeds, plows, opens furrows and covers them, hoes and cultivates.

No. 4D SEEDER. Price, $14.25.
As above less the cultivating attachments.

No. 25 PLANET JR. COMBINED HILL AND DRILL SEEDER, DOUBLE AND SINGLE WHEEL HOE, CULTIVATOR AND PLOW
Price, $21.50



A splendid combination for the family garden, onion grower or large gardener.

No. 35 PLANET JR. SEEDER ATTACHMENT



Ever since the wheel hoe has replaced the hand hoe there has been a demand for a small seeder that could be attached to the wheel hoe. This is particularly suited for planting short rows and in small quantities. With one bolt it fastens to any Planet Jr. Wheel Hoe or Garden Plow, except the Fire-Fly, or you can bolt a home-made handle to the bracket on the rear of the hopper and use as a seeder independently of the wheel hoe. Price, $6.50; with handle, $7.00.

No. 11 PLANET JR. DOUBLE AND SINGLE WHEEL HOE, CULTIVATOR, PLOW AND RAKE
Price, Complete $13.75



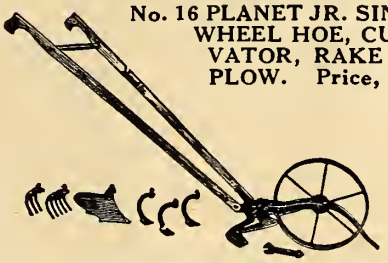
Straddles crops till 20 inches high, then works between.

No. 12 PLANET JR. DOUBLE AND SINGLE WHEEL HOE, CULTIVATOR AND PLOW. Price, $10.75



No. 13 DOUBLE WHEEL HOE
This is like No. 12, except that it is equipped with 1 pair side hoes only. Price, $8.00.

No. 16 PLANET JR. SINGLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW. Price, $9.00



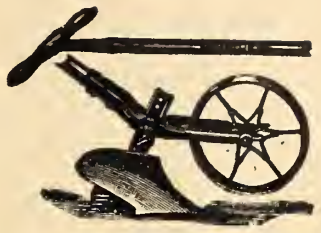
No. 17 PLANET JR. SINGLE WHEEL HOE. Price, $7.75
This is the same as No. 16, but without the rakes.

No. 17½ SINGLE WHEEL HOE
Same as No. 17, except there is no plow. Price, $6.75.

No. 18 SINGLE WHEEL HOE
This is like No. 17, except that it is equipped with 1 pair side hoes only. Price, $5.75.



No. 119 PLANET JR. GARDEN PLOW AND CULTIVATOR
Equipped with a 24-in. diameter wire wheel, one 1¼ in. cultivator tooth, one 3-prong cultivator tooth, one plow, one reversible scuffle blade. Price, $4.75.



FIRE-FLY GARDEN PLOW

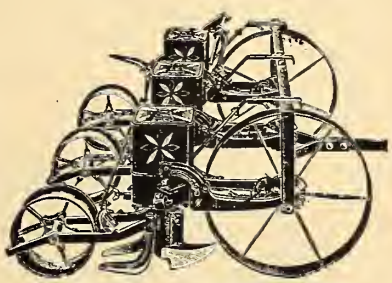
Useful to owners of small gardens, and to chicken raisers for plowing up scratching yards. Price, $4.25.



PLANET JR. STAR PULVERIZER
Price, $3.25

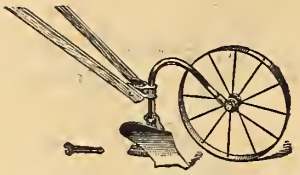
PARTS OF PLANET JR. WHEEL HOES

Disc Hoes	pair	$3.50
4½-inch Hoes S100-S101	pair	1.20
6 -inch Hoes S100-S101	pair	1.30
7½-inch Hoes S100-S101	pair	1.50
9 -inch Hoes S100-S101	pair	1.65
Peat Land Hoes	pair	2.60
3-prong Cultivator Teeth	pair	1.75
Cultivator Teeth, Regular, No. 1395, all steel	each	.35
Narrow Cultivator Teeth, No. 2775, all steel	each	.35
Rakes, Three Tooth	pair	1.00
Rakes, Five Tooth	pair	1.60
Plows for Double Wheel Hoes	pair	1.40
Plows for Single Wheel Hoes	each	1.30
Double Mouldboard Plows		2.40
Handles	pair	1.00



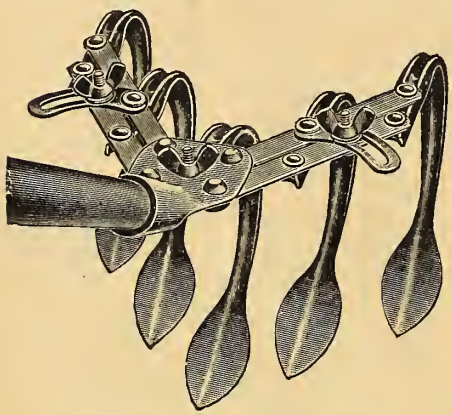
PLANET JR. THREE ROW TRACTOR SEEDER

No. 152. A complete outfit adapted to all small tractors; sows 3 rows 11 to 18 inches apart, or 2 rows up to 36 inches apart, with the center seeder removed. Drill seeder only; capacity, each hopper, 3 qts. Price, $60.00.



IRON AGE No. 11 WHEEL PLOW

The work of hilling up crops in the garden by the hand hoe method is acknowledged difficult by any one who has tried it. Not only will the Wheel Plow do this work with less effort and more rapidity, but does it much better. Price, $4.50.



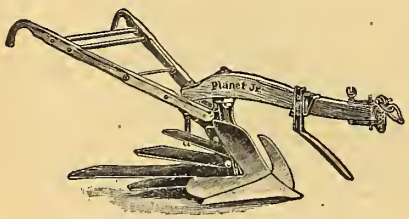
PULL EASY CULTIVATOR

The teeth are adjustable to various widths; splendid for going between rows of young, growing crops. Can be shipped by express or freight only. No. P. E. 5. Price, $1.25.



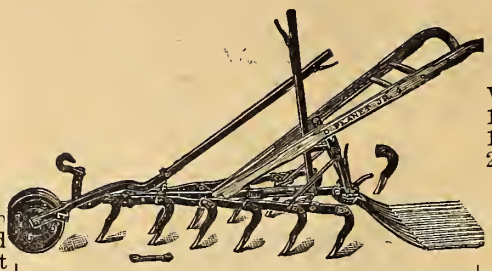
INVINCIBLE CULTIVATOR

This will be found a useful tool for weeding, loosening the soil, preparing seed beds, etc. Price, with long handle, $1.00.



IMPROVED PLANET JR. WHITE POTATO DIGGER

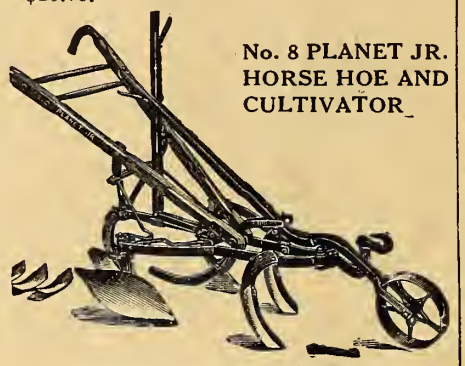
Equal to any for digging early, when the vines are green, the potatoes fast to them and the ground clean; at a later stage when the fields grow grassy and weedy, this digger does its work well. Does not skin the potatoes, digs fast; costs very little for repairs. Price, $42.50.



PLANET JR. 12 TOOTH HARROW CULTIVATOR AND PULVERIZER

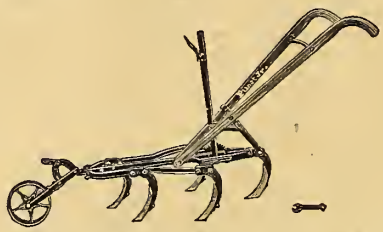
With the Twelve-Tooth Harrow, you go as deep or shallow as you like and come up close to row without injuring plants. You widen and narrow as you please, between 12 and 32 inches.

No. 90. Complete with lever, steel wheel and pulverizer, $17.00.
No. 90B. Without pulverizer, $13.75.
No. 90D. Without pulverizer and wheel, $10.75.



No. 8 PLANET JR. HORSE HOE AND CULTIVATOR

The lever wheel and depth regulator enable the operator to increase or lessen the depth of tilling by a mere stroke of the arm. A perfect five-toothed cultivator. Price, $16.25.

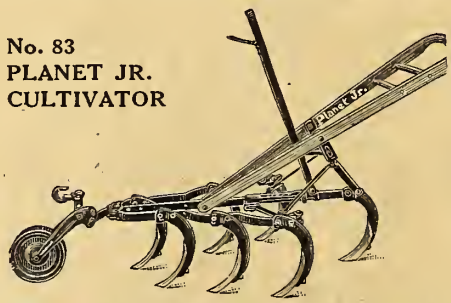


No. 101 PLANET JR. CULTIVATOR

The latest Planet Jr. Plain Cultivator with improved expander.

Price, as illustrated, $11.00.
No. 101D. Price, without wheel, $9.25.

No. 83 PLANET JR. CULTIVATOR



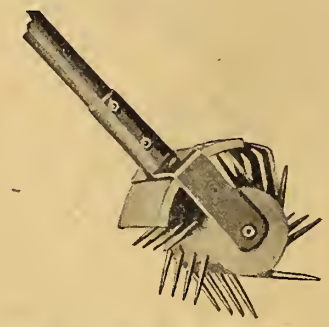
Many gardeners like the 7-tooth cultivator, because it prepares the soil better than does the five-tooth machine. Price, complete with steel wheel. $14.25.

No. 83D. Price without wheel, $12.25.

PLANET JR. HORSE CULTIVATOR TEETH

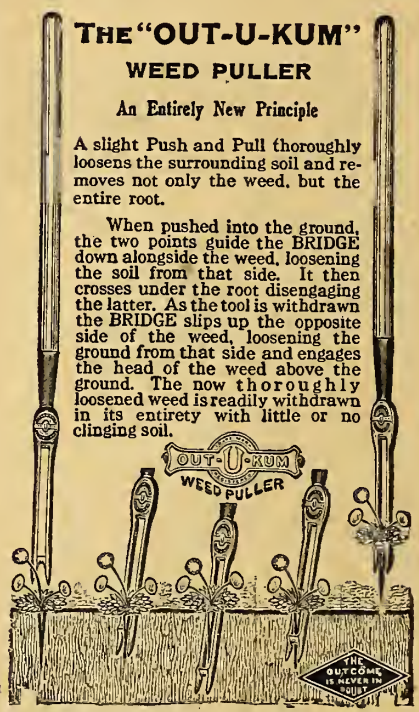
All 8 inches long.

Width	Price	Width	Price
1¼ inch	$0.17	3 inch	$0.22
1¾ inch	.18	4 inch	.27
2¼ inch	.20		



PORCUPINE CULTIVATOR

A steel covered roller 7½ inches wide, studded with rows of steel spikes, which enter the soil vertically to a depth of about two inches. As the roller revolves these spikes come up horizontally, bringing a section of the earth crust up against the stationary stripper-fingers, which crush and pulverize the soil thoroughly. Fine for loosening up bare spots in the lawn, working in a top dressing of fertilizer and for a dozen other uses which suggest themselves. Price, $5.00.



Price of the Out-U-Kum Weed Puller 75c. each (by P. P., 85c.).

See page 149 for a complete line of Hand Weeders.

LEATHER HORSE BOOTS



Made of very heavy sole leather, waterproofed and finished black. The sole is reinforced with steel rivets.

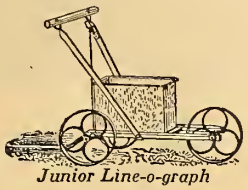
No. 2. 5½ inches inside.
No. 4. 6½ inches inside.
No. 6. 7 inches inside.

Price, per set of four, $16.00 (by P. P., $16.50).

Special Size Horse Boots made to order.

TENNIS COURT MARKERS

Junior Line-o-graph. A perfect liquid lime tennis court marker especially designed for private courts; works perfectly on grass or clay. Price, F. O. B., Philadelphia, $52.50; F. O. B., factory, $50.00.



Junior Line-o-graph

No. 1M. The most practical marker where dry lime is used. Price, $3.00 (by parcel post, $3.20).



No. 1M

No. 3M. For marking grass courts and grass athletic fields with liquid lime; not adapted to clay courts Price, $15.00.



No. 3M

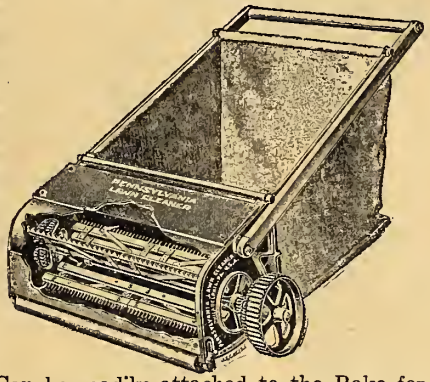
LAWN AND PUTTING GREEN CLEANER

The flexible rake bars are of wood, with steel springs and teeth; they rotate just like a lawn mower cylinder and clean up every particle of leaves, litter or rubbish, throwing it into a receptacle or bag in the rear, which is of large capacity.

Price, 24-in. Rake, or Sweeper, $30.00.

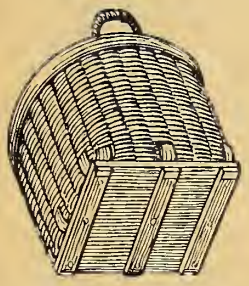
36-in. Rake only, $42.50.

Please specify when ordering if wanted for lawn or putting greens.



Sweeping Brushes. Can be readily attached to the Rake for sweeping lawns, putting greens, paths, etc. Price per set of three, 24-inch, $7.00; 30-inch, $9.00.

RUBBISH BASKETS



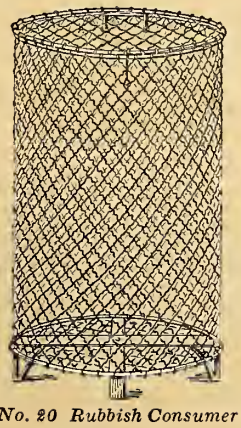
On all large places, on the lawn or in flower and vegetable gardens, a basket for gathering up rubbish and litter will be found a great convenience, especially when it is suited for the purpose. This basket holds 3 bushels and can be carried or wheeled on a barrow. Price, with rope handles, $4.75 each.

RUBBISH CONSUMERS

No. 5. Made of heavy crimped wire; pressed steel top and bottom; painted green. 29 inches high. Price, $4.50 each.

Extra Heavy Construction

No. 10, 16 x 22 in..... $11.50
No. 20, 20 x 30 in..... 16.50



No. 20 Rubbish Consumer

SOD PERFORATOR



Sod Tamper

For use in loosening soil where grass is worn out, for reseeding; makes a perfect seed bed which means quick growth of grass after the seed is sown. It is used like a tamper, its own weight being sufficient to properly perforate the ground; also desirable for use on putting greens, for renovating. Price, $5.00.

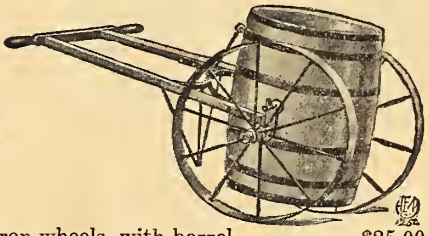


Sod Perforator

SOD TAMPERS

When laying sod it is necessary to properly firm it down so that it will take new root quickly. It is also convenient for firming the soil or lawn on places where a roller cannot be used; made of iron with wood handle; 12 inches square; weight, 20 lbs. Price, $3.50 each.

BARREL TRUCKS, Etc.



The price below includes barrel and truck The latter is constructed so that the barrel may be detached quickly and the leaf rack attached.

3½-inch tire truck, all iron wheels, with barrel..... $25.00
Extra Barrels, with trunnions, open head..... 7.00

Wood Leaf Racks

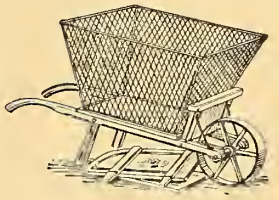


Excellent for gathering leaves, litter, grass, etc. They can be attached to a water barrel truck as shown above.

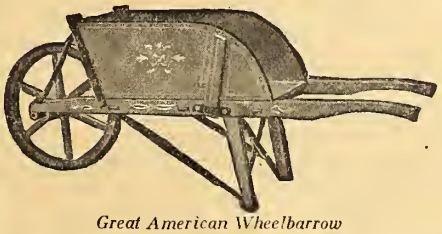
Leaf Rack only, no truck. $8.00
Leaf Rack with 3½-inch tire truck..... $25.00
Truck with 3½-inch tire wheels, no rack or barrel..... $18.00

Keystone Leaf Racks

This device can be used on wheelbarrows with removable sides. Convenient for gathering leaves, cut grass and rubbish. Has a capacity of 10 bushels; made of galvanized wire, bolted to a wooden base. Price, not including wheelbarrow, $8.00.



Wheelbarrows



Great American Wheelbarrow

The measurements of barrows are understood, viz: length, meaning inside length of body; depth, inside depth at front; width, outside width at handles.

	No.	Tire	Length	Depth	Width	Price
Great American	1	2¾	30	12	25	$9.50
Great American	2	2¾	28	12	24	8.50
Great American	3	2¾	26	12	22	8.00
Great American (*Boys'*)	4	1¾	22	9	18	6.00

Canal. Side dump (bolted)..... 5.25
Special Greenhouse Style. Narrow body and handle width..... 11.00

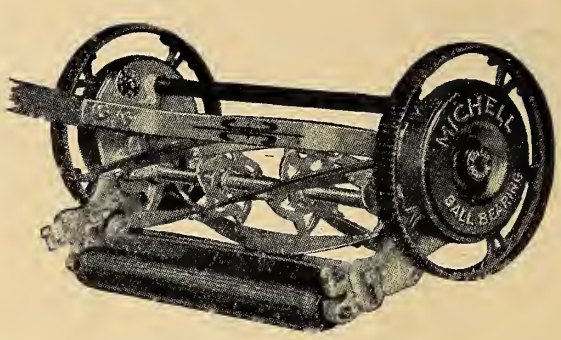
MICHELL'S HIGH GRADE LAWN MOWERS

MICHELL'S IMPROVED HIGH WHEEL BALL-BEARING

We have had designed by the best lawn mower makers in the United States the "Michell" High Wheel Ball-Bearing Mower. Of the best material throughout in every detail, there has been the thought to construct not only a mower that would appeal to the intending purchaser from a standpoint of looks, but to give him more for his money than we might be able to do in other makes. The "Michell Ball-Bearing High Wheel Lawn Mower" is made for us by John Braun & Sons, who are the originators and makers of the "Famous Pennsylvania Quality" machines.

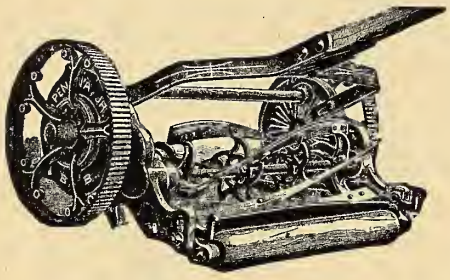
It has a 5-blade cylinder of tool steel blades, each hardened and tempered in oil; equipped with internal driving gears on both sides. The cones and cups in which the balls revolve are hardened tool steel, while the balls themselves are extra large, of the best quality. The drive wheels are 10 inches high, which ensures easy running; the bottom knife is self-sharpening with raised edge, of crucible steel, that will ensure long service. Can be regulated to cut grass at a height of from ½ to 1½ inches, by adjustment, while it mows grass with ease that is 6 inches high.

15-inch cut	$18.00	19-inch cut	$23.00
17-inch cut	20.00	21-inch cut	26.00



Michell BB High Wheel Lawn Mower

PENNA. JR. BALL-BEARING MOWER



To get the best results from this machine, which does exceptionally fine work, the lawn should be mowed at regular intervals. It cuts the grass shorter than the 4-bladed machine, hence requires mowing at stated periods when the grass is growing rapidly.

8-inch or low wheel, 5-blade cylinder, 5½-inch diameter.

12-inch	$17.00	16-inch	$23.00
14-inch	20.00	18-inch	26.00

10-inch or high wheel, 5-blade cylinder, 6-inch diameter.

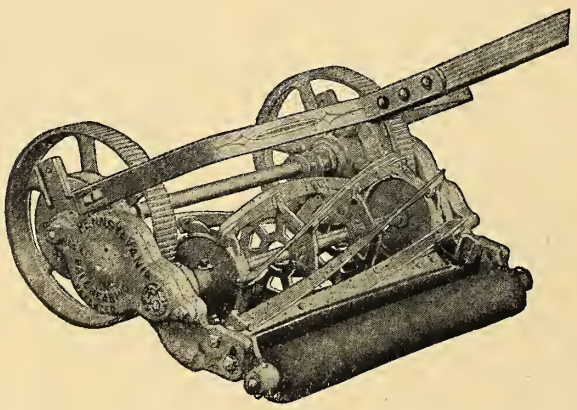
15-inch	$27.00	19-inch	$34.50
17-inch	30.50	21-inch	38.50

We can also supply the Penna. Standard in same sizes and prices as above.

THE CONTINENTAL LAWN MOWER

The regulation style for every-day lawns. The Continental is double geared while the Pennsylvania is single geared. High wheel, 10½-inch diameter.

15-inch	$27.00	19-inch	$34.50
17-inch	30.50	21-inch	38.50



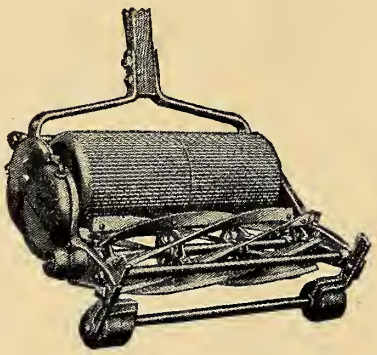
PENNSYLVANIA GOLF LAWN MOWER

For putting greens and close cutting around golf courses, tennis courts, etc.; equipped with an iron roller of small diameter, in three sections, in place of the usual wooden roller.

17-inch High Wheel, Ball bearing, 7 blade cylinder	$34.00
19-inch High Wheel, Ball bearing, 7 blade cylinder	38.00
21-inch High Wheel, Ball bearing, 7 blade cylinder	42.00

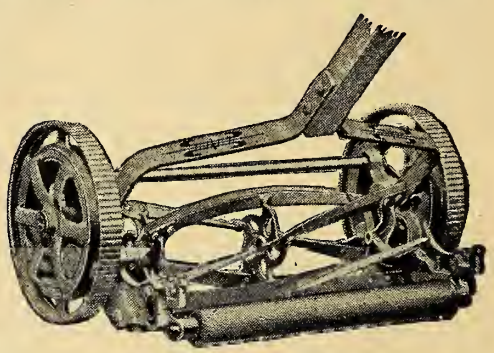
PENNSYLVANIA MOWER SUPER ROLLER MOWER TYPE

This new mower for Golf Greens is the last word in lawn mower construction. It has seven crucible steel blades in a high-speed cylinder, aluminum driving drums and train of cut gears running in a grease-tight case. Intermediate gear on roller-bearing; drums, cylinder and front caster wheels on ball bearings. The Super Roller Mower is light running, easy to push and cuts absolutely without ridging the greens. Weight only 55 lbs. One size only, 18-inch cut. Price, $50.00. Grass Box, $8.00; Carriage, $5.00.

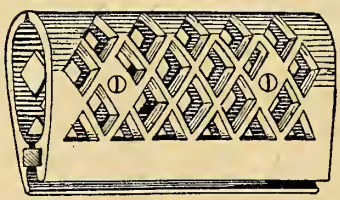


WM. PENN BALL-BEARING MOWER

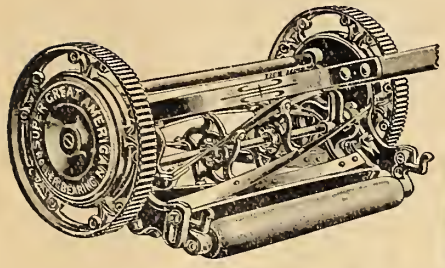
The latest creation of the factory making the famous Pennsylvania and Great American Lawn Mowers and represents a lot of value for the price. It runs easily, cuts clean and lasts long; it has 9-inch driving wheels, open style and the cylinder 5½ inches in diameter, has 5 crucible steel blades, driven by an internal gear in each wheel. The crucible tool spring steel bottom knife is self-sharpening. Equipped with patented Staytite handle, with steel clamps adjustable for any possible shrinkage. One size only, 16 inch. Price, $16.50.



LOGAN LAWN MOWER SHARPENER



Can be adjusted for any thickness of blade and when properly set will give a uniform bevel, the sharpener following the twist of the knife. It will also sharpen the under blade or dead knife. Price, 75c. each (by P. P., 85c.). Extra files, 25c. each (by P. P., 30c.).



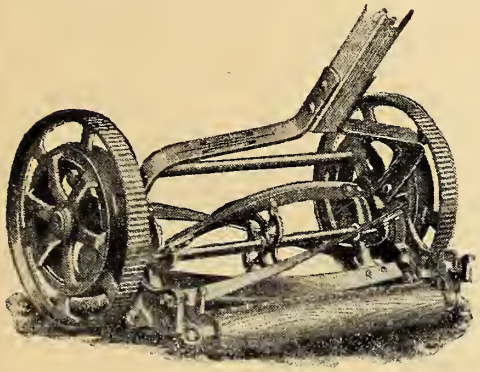
Super Great American Lawn Mower

SUPER GREAT AMERICAN ROLLER-BEARING LAWN MOWER

1928 Model

A high class machine having all the proven qualities of the popular Great American and roller bearings in the drive wheels, steel axles and several minor improved fittings. 10-inch wheels, 5 crucible steel blades.

15-inch cut	$19.50
17-inch cut	22.50
19-inch cut	25.00
21-inch cut	28.00

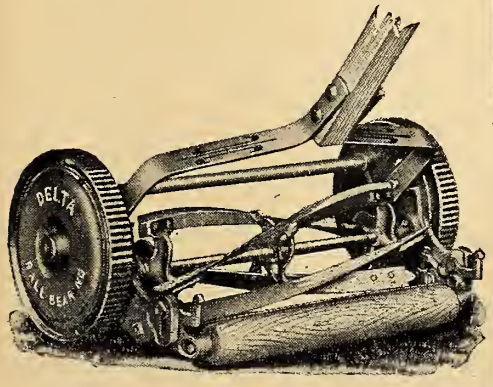


Orchid Lawn Mower

ORCHID BALL-BEARING LAWN MOWER

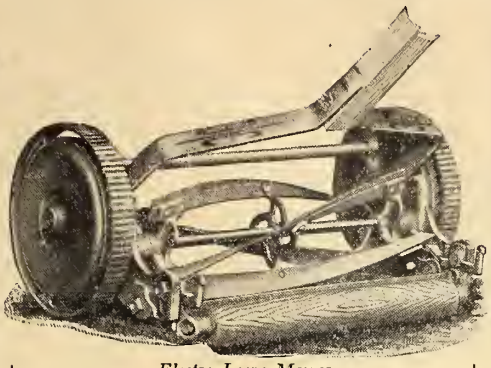
A splendid moderately priced, high wheel machine; internally driven, making it easy running; four-blade cylinder; equipped with the best crucible steel blades; 10-inch wheels.

14-inch cut	$14.00
16-inch cut	15.00
18-inch cut	16.00



Delta Lawn Mower

See prices opposite column

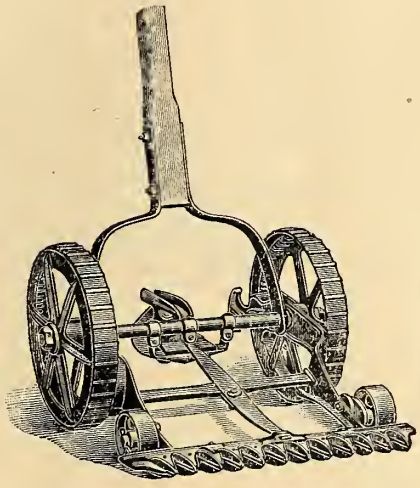


Electra Lawn Mower

ELECTRA LAWN MOWER

This will be found a very serviceable mower for a low priced machine. 8-inch wheels; 4 crucible tool steel blades.

12-inch	$ 9.00
14-inch	9.50
16-inch	10.00
18-inch	10.50



Clipper Lawn Mower

CLIPPER LAWN MOWER

You will observe the cutting bar is directly in front of the wheels. The wheels travel over ground where the grass is cut, never rolling down the standing grass with the wheels, as other lawn mowers do. The small gauge wheels at the side are to gauge the height you wish to cut the grass.

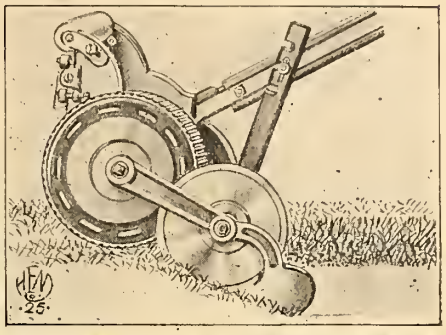
15-inch	$13.25
18-inch	15.00

DELTA LAWN MOWER

Ball Bearing, 4-blade cylinder, 8-inch diameter, Penna make.

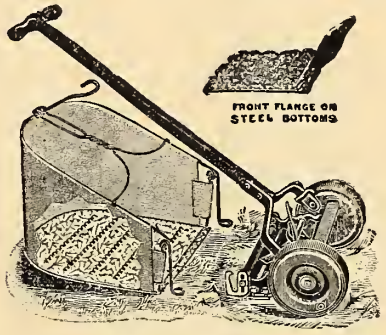
12-inch	$11.00
14-inch	11.50
16-inch	12.00
18-inch	12.50

See illustration opposite column.



CAPITOL LAWN TRIMMER AND EDGER

This is the original lawn trimmer and edging device. The steel disc can be adjusted in a few seconds to convert it into a first-class edging device, while for trimming along borders and walks as well as against buildings, fences, etc., it will prove to be an excellent tool; cuts a swath 6 inches wide. Price, $11.00.



Easy Emptying Grass Catcher

GRASS CATCHERS

Despite what is said to the contrary if you want a good looking lawn you should not allow the cut grass to remain upon it; there are two ways of accomplishing this, one is to rake it off "costly and tedious," the other is with the use of a grass catcher "simple and practical." The weight of the catcher loaded with grass is thrown on the machine proper so that is really adds very little to the labor involved in mowing.

Easy Emptying. Short iron handle; round back; galvanized sheet steel bottom; heavy duck sides. No. G10, for mowers 12 to 16 inch, $1.65 each (by P. P., $1.85); No. G12, for mowers 18 to 22 inch, $1.85 (by P. P., $2.10).

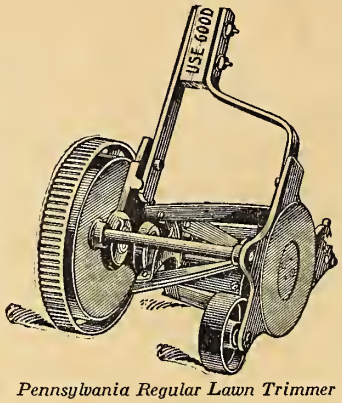
Braun Make. Galvanized bottom, canvas back and sides. Will fit any of the Pennsylvania line of hand mowers.

12-inch	$3.00	17-inch	$3.75
14-inch	3.25	18-inch	3.75
15-inch	3.50	19-inch	4.00
16-inch	3.50	21-inch	4.25

Catchers for Penna. Golf and Putting Greens mowers, $8.00 each.

Catchers for Penna. Horse and Pony mowers. 25-inch for Pony mower, $5.50; 30-inch, $30.00, $38-inch, $38.00.

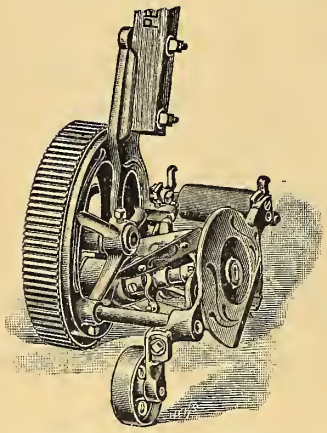
PENNSYLVANIA LAWN TRIMMER



Pennsylvania Regular Lawn Trimmer

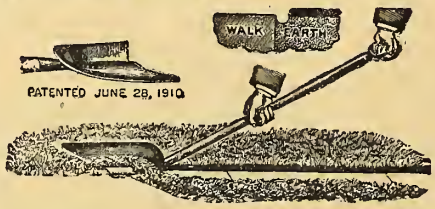
Made to meet the demand for a serviceable tool to take the place of grass shears and other devices for cutting the grass left at the edge of lawns or borders after mowing. This machine will cut to within ⅜ of an inch of a wall or tree trunk, and mow any grass border wide enough to run one wheel on. The blades are of best crucible steel; it is ball bearing and self sharpening; built for long years of service, and so light a child can use it successfully; cuts a swath 5½ inches wide; equipped with an 8-inch drive wheel and a four blade cylinder. Price, $10.50.

PENNSYLVANIA UNDERCUT LAWN TRIMMER


Pennsylvania Undercut Lawn Trimmer

The unique construction of the undercut trimmer permits cutting not only close to a wall, fence, tree, etc., but it will get the grass under a fence or rock cut base of tomb stones, house foundations and other places hitherto out of reach of anything but hand shears. The slanting sideplate and conical cylinder make it possible to cut all grass which the regular lawn mower will not reach. Ball bearing, with 9½ in. drive wheel; four blade cylinder. Price, $12.00.

No. 136, IMPERIAL LAWN EDGE TRIMMER



With this tool the rough straggling, overhanging grass along the edges of the walk can be trimmed in a few minutes. It plows a clean U-shaped trench, delivering the cutting on the sidewalk. The edges along the curbing and walk of an eighty foot lot can be trimmed in twenty minutes, leaving the whole surroundings neat and attractive. Price, $1.50 (by P. P., $1.70).



PLANET JR. No. 2 GRASS EDGER

A simple steel disc device, with a flange that runs on the cement path, to cut away the grass which hangs over the edge of the walk; this revolving disc operates very easily and does not cut away any of the soil which some people object to; can be used successfully on straight or curved cement paths. Price, $1.80 (by P. P., $2.00).

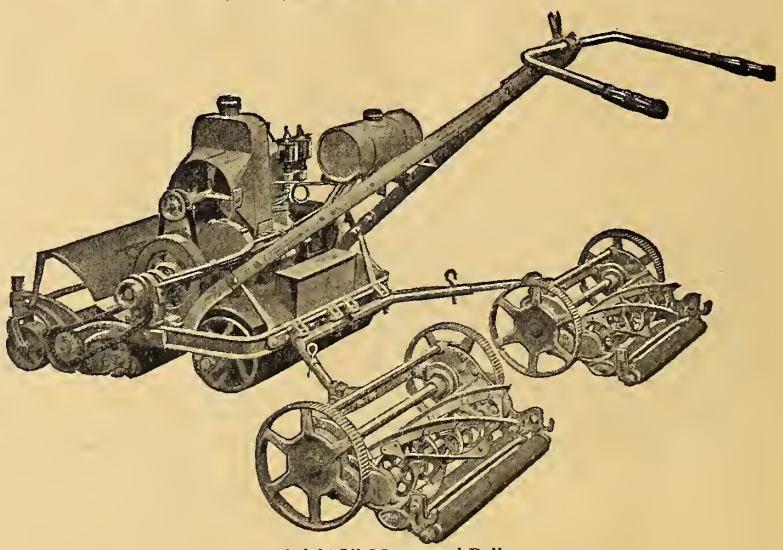
PENNSYLVANIA HORSE LAWN MOWERS

For many years regarded as the best made and they are still without a superior. The bottom and cylinder blades are made of the best crucible steel, tempered in oil. They are of easy draught and will be found more generally used than any other make of horse drawn lawn mowers. The standard machine is adapted to hilly, rolling lawns, while the Grand style being heavier in construction and weight is the ideal machine for level lawns and grounds; its use serves as a lawn roller as well as a mower. Where there are few trees and little shrubbery a mower equipped with seat and shafts will be found desirable, as a man will accomplish more if he can ride rather than walk.

Pennsylvania Standard or Regular Style

25-in., Pony, with handles and draft irons, 6-blade cylinder	$ 72.50
30-in., with draw bale only, 4-blade cylinder	105.00
30-in., with seat and shafts, 4-blade cylinder	125.00
38-in., with draw bale only, 4-blade cylinder	135.00
38-in., with seat and shafts, 4-blade cylinder	160.00

Pennsylavnia Grand Horse Mower	4-blade cylinder
30-inch cut, with draw bale	$120.00
30-inch cut, with seat and shafts	140.00
38-inch cut, with draw bale	150.00
38-inch cut, with seat and shafts	175.00


Model "L" Mower and Roller

COLDWELL MOTOR MOWERS

Capable of propelling up grades as steep as 25 per cent.

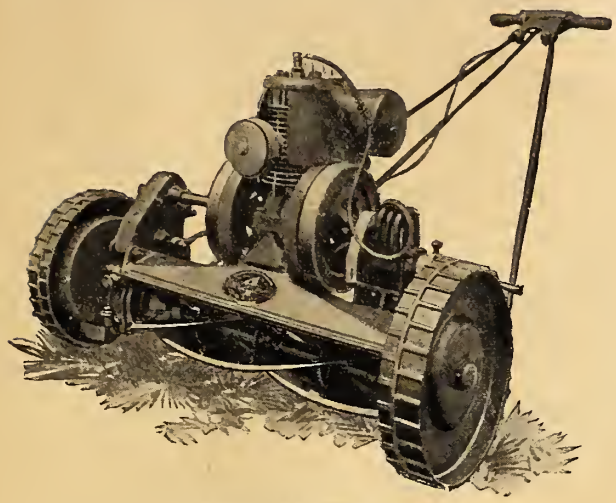
Model M.	40-inch cutting area. F. o. b. Newburgh, N. Y.	$1500.00
Model G.	35-inch cutting area. F. o. b. Newburgh, N. Y.	475.00
Model H.	30-inch cutting area. F. o. b. Newburgh, N. Y.	425.00

MODEL "L" MOTOR LAWN MOWER AND ROLLER

This machine is a more recent Coldwell development designed to fill the need for a practical motor-driven, hand-controlled Lawn Mower with plenty of reserve power, making it possible to cut close up to and around trees, shrubbery, walks, and driveways; to operate efficiently on the smaller areas and at the same time to cut from 4 to 6 acres per day on the larger areas of lawn. In this model is combined the extreme flexibility of the hand Mower with the large cutting capacity, rolling feature and other advantages and conveniences which can be obtained only with a motor Mower. The Model "L" is equipped with a 3½-horse power Fuller-Johnson water-cooled motor; cuts a swath 25 inches wide. Price, $350.00.

The New Gang Units. Extreme cutting width, 60 inches. The new detachable Gang Units for use with Model "L" Motor Lawn Mower and Roller increase the cutting width from 25 to 60 inches. Price, $60.00.

4-ACRE POWER HEAVY DUTY LAWN MOWER



4-acre Power Lawn Mower

The special built motor with magneto ignition, enclosed transmission gears running in oil bath, separate clutch controls for cutting unit and traction wheels, differential gears to equalize power on wheels while turning and special sharpening device for cutting unit are special features of this mower.

The Mowers are equipped with the same standard Jacobsen Motor which has proven highly satisfactory for this kind of work under all altitudes and climatic conditions. This motor was especially designed for the **4-acre Mower** by engineers having long years of experience in the design and manufacture of small power units.

The Efficient Air Cooling System on the motor is another important feature. The two heavy fly wheels are provided with fan blades on their inner sides which force the cool air thru the large fins cast on the cylinder and cylinder head.

Carburetor is especially designed for this motor and supplies the right kind of mixture. A hand throttle controls the speed of the motor from the steering grip.

Fuel Tank is mounted directly on top of the carburetor, eliminating all troublesome pipes and small connections.

Piston is of the finest grade of gray iron; is turned and ground accurately to within one ten-thousandth of an inch.

Connecting Rod Bearing is a special bearing metal developed by the government and is used in the connecting rod. This metal will not burn out or score the crank pin should it fail to receive lubrication.

Crank Shaft Bearings are 2¾ inches long and made of high grade phosphor bronze such as used in all high grade motors.

Crank Shaft drop forged, made of special alloy steel, heat treated, accurately machined and ground.

Transmission Gears and Clutches are inclosed in an oil tight housing and run in a bath of oil. These gears are machine cut and to insure long life are large in diameter.

Differential automobile type, as shown in illustration, equalizes the power on both traction wheels when turning. Power is retained on both wheels whenever the traction clutch is engaged, allowing easy steering without separate clutches or controls for each wheel.

Cutting Units. The finest crucible steel is used for the blades, the shaft is extra heavy; each unit is perfectly balanced and tested before being assembled in the mower.

Reel Bearings are thoroughly lubricated, one from the gear housing, and the other by a special oiler located in plain sight on left hand frame. Felt dust washers prevent dust and dirt from getting into the bearings.

No. 1. Heavy Duty. Cuts 24 inches wide; net weight, 200 lbs., crated, 250 lbs. Price, f. o. b. Phila., Pa., $290.00. Grass Catcher, $6.00 extra.

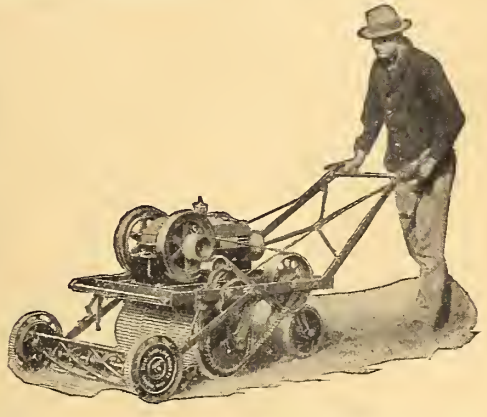
Junior Power Mower. Cuts 19 inches wide; net weight, 170 lbs., crated, 200 lbs. Price, f. o. b., Phila., Pa., $210.00. Grass Catcher, $4.00 extra.

COLDWELL CUB POWER LAWN MOWER

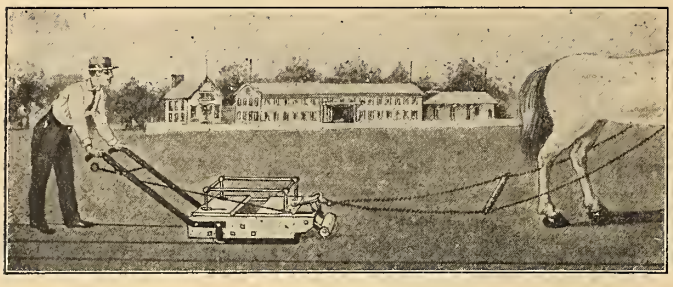


The Coldwell Cub is a light, substantially built power lawn mower with a 21 inch detachable front cutting unit and a full width drive roller. Separate clutches control the cutting unit and the traction roller. The clutch levers are conveniently located on the handle and can be engaged or disengaged with one finger. The drive roller is divided and is driven through a differential so that sharp turns can be made without marking the lawn. Where ground conditions require, wheels can be substituted for the drive roller, making a wheel type mower but retaining the advantages of a removable front cutting unit. The front cutting unit makes it possible to cut close to trees or walls so that a finished job can be done without the use of a hand mower. The engine and transmission are mounted on a steel frame in an accessible position and located so the mower is in lateral balance. The engine has been specially designed for this mower. The engine is 2½" bore, 3" stroke and at 1200 revolutions per minute develops 1½ brake horse power. The cylinder is water cooled with fan and radiator so that full load can be carried continuously in hottest weather. An automobile type carburetor is used with a gasoline tank large enough for eight hours use. One and one-half pints of oil poured into the crank case supply lubrication for all the engine parts for several days. Oil is raised from the oil pan by a pump and circulated to the bearings and cylinder. Ignition is supplied by a Bosch high-tension fly wheel type magneto mounted directly on the crank shaft. The crank shaft is mounted on two large Timken tapered roller bearings. These bearings are guaranteed for the life of the engine and will be replaced if they fail for any reason. The power is transmitted through hardened roller chain. The knife bar adjustment is on the outside and the wiper bearings have a simple adjustment on the outside of the frame. A Zerk grease gun furnishes efficient lubrication for all the bearings outside of the engine. Price, $200.00.

IDEAL MOTOR LAWN MOWER



The Ideal Motor Lawn Mower is equipped with the very latest devices, which render it almost fool proof. It comes in three sizes and may be purchased with or without a riding attachment. The company manufacturing these is very strong in every respect and from our own selling experience covering a period of years, we have not had one dissatisfied customer. We shall be pleased to send complete detailed literature. Prices f. o. b. Philadelphia. 22-in. cut, $260.00 (without riding attachment); 30-in. cut, $385.00 (without riding attachment). Riding attachment for 30-inch machine only, $20.00 extra.



CHAMPION SOD CUTTER

One man and a horse with this machine can cut more and better sod in one hour than 10 men can cut in a day with other methods. Has a **Reversible Knife.** The sides and bottom are made of one piece of steel, so that there are no openings that can get choked. A roller just over the knife regulates the thickness of the sod from 1 to 2 inches. The back roller works automatically. By holding up the handles and lever, the roller swings under the machine and takes the weight until you are ready to cut again; in cutting, the two rollers take the weight, thus preventing any friction or injury to the grass; the clearer and guide shoes are reversible and can be changed in a moment; the back is left open so that the knife can be cleaned without turning over the machine. Cut the first strip of sod without guide or clearer; then remove the strip about 1 inch to allow guide to run in. Put guide always in front and clearer behind knife where the loose bolts are. Place the guide and clearer always on opposite sides. See that the knife is kept clean; if the sod is very dry, put extra weights on to 200 lbs. For quick work it is not necessary to use guide and clearer; for good work cut and roll the ground well. This is the only sod cutter that will cut both ways; a whole field may be cut without removing any sod. Price, $52.50. Extra knives for above $10.00 (by P. P., $10.75).



IMPROVED DANDELION WEEDER

This is an essential tool for lifting dandelions and other similar weeds from Golf Greens and Lawns; also a handy tool for cemetery gardeners; made all in one piece, it will not bend and there is no wooden handle to come off. Price, 75c. each (by parcel post, 85c.).

ERADO WEED GUN

As handy as a cane, which it resembles. Fill the reservoir, which holds about 2 quarts of liquid, with some weed-destroying preparation diluted and used for destroying weeds of all kinds in lawns without hurting the grass. Press the sharp point of the gun into the heart of the weed until the flat stay pieces touch the ground, when a quantity sufficient to kill is discharged into the heart of the plant which is destroyed for all time. Galvanized iron. Price, $1.25 (by P. P., $1.40).



Erado Gun

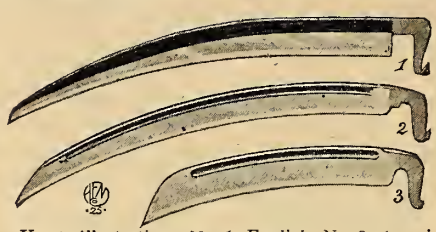


Flat File

FLAT FILES

For sharpening lawn mowers.

	Each	(By P.P.)
8-inch	$0.35	$0.45
10-inch	.40	.50
12-inch	.55	.65



SCYTHES

Little Giant, 32-inch	$2.00
Little Giant, 34-inch	2.00
Little Giant, 36-inch	2.00
Little Giant Brush or Briar	2.25

Key to illustration: No. 1, English; No. 2, American; No. 3, Little Giant Brush.

The Little Giant is the best American-made scythe for field and heavy grass work.

English, 32-in., rivet back	$3.00
English, 34-in., rivet back	3.25
English, 36-in., rivet back	3.25

The English Scythes are best for fine grass or lawn work.

If scythes are wanted by parcel post, add 25c. each for postage.



Snath Clip



SCYTHE HANDLES

No. 50. Made of hard wood, well finished.

Regular Scythe style (Not mailable)	$2.25
Snath Clips (by P. P., 35c.)	.25

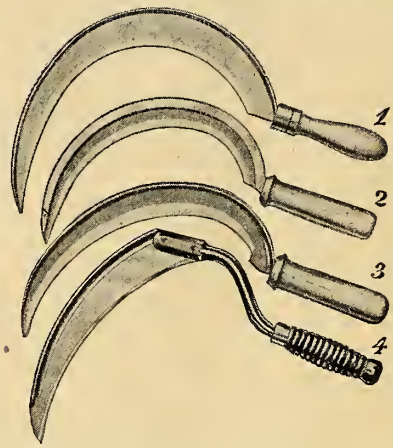


SCYTHE STONES

	Each	Doz.
Sir Pike (Talacre Style)	$0.30	$3.25
Darby Creek	.25	2.75
Carborundum. Very fine	.35	3.75

If Scythe Stones are wanted by parcel post, add 10c. each for postage.

SICKLES OR GRASS HOOKS



Key to illustration: No. 1, Dutch or German; No. 2, Rivet back; No. 3, Solid back; No. 4 Little Giant.

English Rivet Back, No. 2	$1.15
English Rivet Back, No. 3	1.25
English Solid Back, No. 2	.75
Little Giant	.70
Dutch or German, No. 2	.55

If wanted by parcel post, add 20c. each for postage.

EMERY

For sharpening Lawn Mowers. Price, 20c. per lb. (by P. P., 30c.); 10 lbs., $1.90 (by P. P., $2.15).

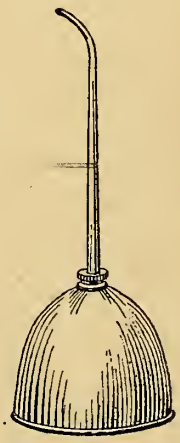


LAWN MOWER OIL

Pure oil that will not gum or get sticky is an essential for the satisfactory operation of every mower. The oil sold by us has been selected with this point in view.

Prices: Per pint, 25c.; 35c. per quart; per ½ gal., 65c.; $1.10 per gal.; 5 gals., $4.25.

Lawn Mower Oil cannot be mailed



GEM OIL CANS

Finished, Brazed Steel

	Capacity	Spout	Price
No. 1706.	8-oz.	6-in. bent	$0.60
No. 1706.	8-oz.	6-in. straight	.60
No. C14AA.	8-oz.	5-in. straight, coppered	.30
No. 1606.	½ pt.	6-in. bent, steel	.50
No. 1606B.	½ pt.	6-in. bent, brass	.75

If Oil Cans are wanted by P. P. add 15c. each.

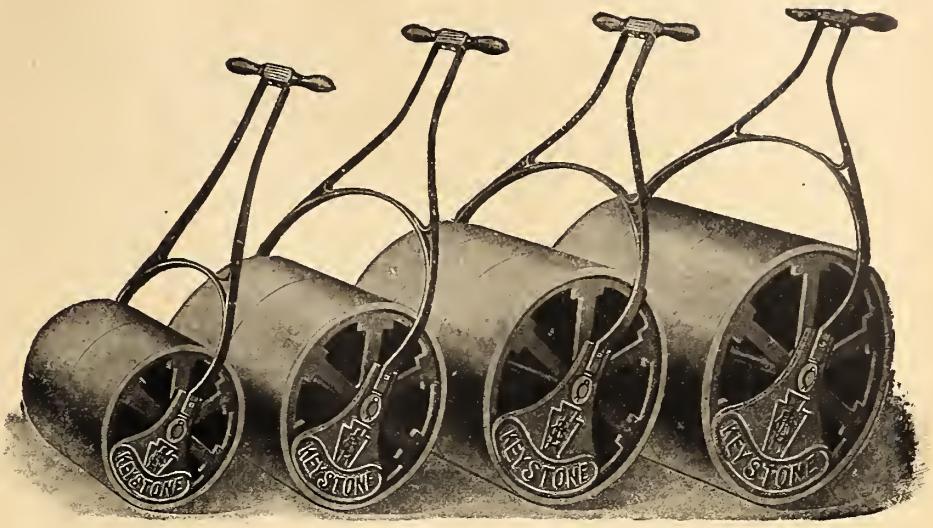
MICHELL'S LAWN ROLLERS, ETC.

It is very essential to roll the lawn when the frost is permanently out of the ground, and again several times during the season. A first class roller will prove a good investment, as it will last almost a lifetime, especially if it is put under cover when not in use.

KEYSTONE HAND LAWN ROLLERS

Drums are equipped with five spokes; the face is ground smooth and carefully finished. The steel roller bearings are mechanically constructed making the roller operate so easily a child can handle it. The handle is made of steel and hard wood; is equipped with a balance weight, so that it is always in an upright position. The drum or roller part has a bevel edge so that it cannot tear up the lawn or ground when being turned.

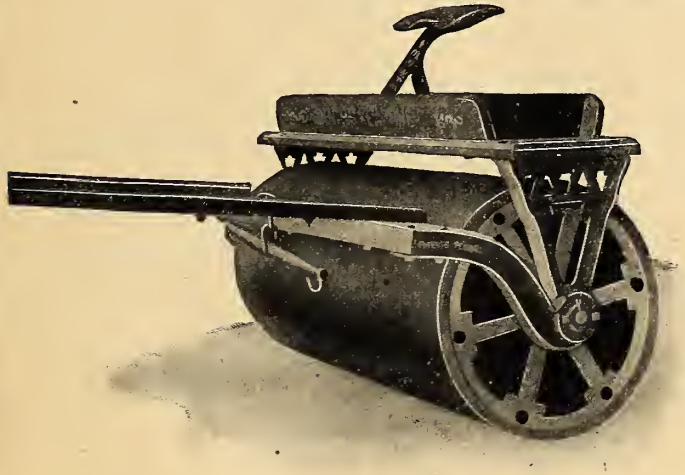
No.	Diam. In.	Length or Width In.	No. of Sects.	Lbs. Wgt.	Price
501	15	15	2	175	$20.00
502	15	22	3	250	24.00
504	20	20	2	250	26.00
507	20	24	2	300	32.00
508	20	30	3	350	38.00
509	24	20	2	400	42.00
511	24	24	3	450	46.00
512	24	30	3	500	52.00
514	28	24	3	500	52.00



Keystone Hand Lawn Rollers

Garden and Lawn Tools

Our house makes a specialty of these, and carries probably the largest assortment in practical styles to be found anywhere; the quality is only the very best obtainable and we can readily say our garden and lawn tools give splendid service.



Keystone Horse Roller

KEYSTONE WATER-BALLAST ROLLERS

Fill it with water, which will weight it up to any number of pounds desired, as shown below. The same roller can thus be used for soft turf, firm lawns, or for rolling the driveway and tennis court. Equipped with a device for keeping handles stationary. Ball axle bearings.



Keystone Water Ballast Roller

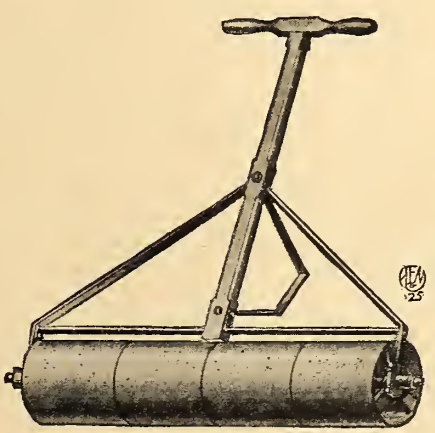
No.	Sections	Diam. In.	Length In.	Weight Empty	Weight filled with water	Price
601.....	1	14	24	60	250	$17.00
602.....	1	18	24	85	330	20.00
603.....	1	24	24	100	440	23.00
604.....	1	24	32	135	590	26.00

KEYSTONE GOLF GROUND AND LAWN HORSE ROLLERS

Made of cast iron carefully finished with beveled edge drums; equipped with shafts for one horse or tractor hitch; all sizes are equipped with weight boxes to permit the roller being made to weigh heavier than it is when factory finished.

No.	Diam. Inches	Length Inches	Sections	Weight Lbs.	Price
341	24	40	4	800	$ 93.20
342	24	50	5	950	109.20
344	28	40	4	1000	117.60
345	28	50	5	1200	137.20

Shipment of Horse Rollers is made from factory in Penna. We can also supply heavier rollers for land and golf ground use.

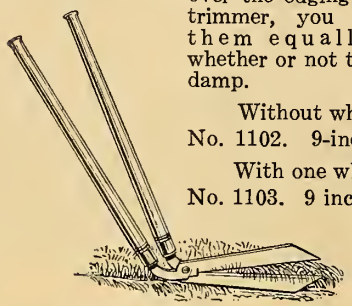


PUTTING GREENS ROLLER

Greens-keepers have found that a roller about 4 feet wide, weighing about 160 pounds, is right; evenly surfaced; will not leave a mark or ridge on the greens. Made of cast steel in 4 sections. $30.00.

LAWN BORDER SHEARS

Made of finest American steel. They take the place of edging knives and avoid the necessity of doing much stooping. At the same time while making an attractive finish to the grass edge of a walk or driveway, they cut the grass only, leaving the soil intact; in some respects this is desirable. The shear without wheel works equally as well as the one equipped with wheel, this feature is an item of individual preference only. There is one advantage possessed by this type of shear over the edging knife or trimmer, you can use them equally well whether or not the soil is damp.



Without wheel.
No. 1102. 9-inch..$3.75

With one wheel.
No. 1103. 9 inch.. 4.50

LAWN BORDER SHEARS

For trimming under shrubbery, fences and other out-of-the-way places. The two wheels permit the shears to move over the ground freely, backward and forward.



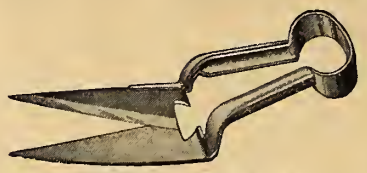
No. 1104, 9-in. blade, long handle, $4.50.

Handles for Border Shears, $1.00 per pair.

IDEAL DANDELION EXTRACTOR

This simple device is the best thing of its kind ever used for taking weeds out of the lawn. It will be seen that it is not necessary to get down on hands and knees to operate it. The cutting blade is of the best steel, equipped with a convenient handle, so that either man, woman or child can use it. 50c. each. (By. P. P., 60c.)



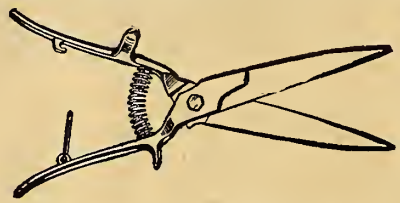


GRASS SHEARS

Do not buy a cheap grass shear, they do not last long, nor do they keep a sharp edge, which is an essential in trimming grass; our list comprises the best makes.

If wanted by parcel post, add 10c. each for postage.

No.		Each
26.	6-inch, American	$0.50
012.	6-inch, American	1.25
114.	7-inch, English, trowel shank handle	2.75
113.	7-inch, English, straight handle.	2.25
0267.	6-inch, American	1.00
0267.	7-inch, American	1.15



Pexto Grass Shear

GRASS SHEARS

Pexto. Cuts grass easier than an ordinary shear; built like hair cutters; blades forged steel. Price, $1.25 (by parcel post, $1.35).

Disston. Blades are forged steel; accurately ground and beveled to a keen edge; length of blades, 6-inch; handles, 7½-inch. Price, $1.25. (By P. P., $1.35).

TURF OR SOD LIFTERS

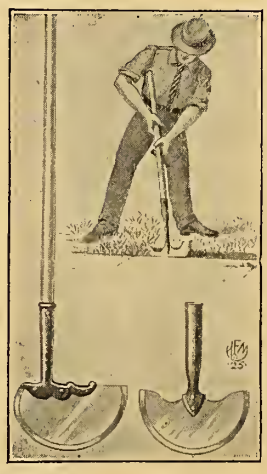
At times, it is more desirable to sod a bare or worn out spot on the lawn or grass plot than to sow it with grass seed. Our sod lifters are made of the best steel and will last a long time.



American. Steel blade, with an 18-inch steel shank and wood D handle. Price $2.25 each (by P. P., $2.50).



English. No. 275. Price, $6.50 each. (Not mailable).

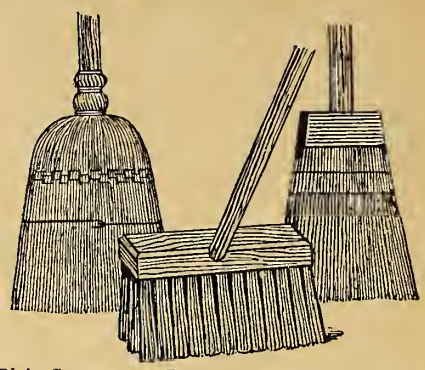


EDGING KNIVES

For trimming edges of paths, etc. No other implement will put a finish to a grass border, a walk or drive edged with sod like an edging knife; on straight work, it is well to use a garden line so as to make a first-class job, as nothing in the line of gardening looks so badly as edging in a crooked line. See illustration opposite.

Mehler Edging Tool, with handle.....$1.50
No. 040. American, with handle..... 1.40
No. 3863. English, 9 inch with handle..... 2.00

Mehler and American Knives are not mailable. English knife without handle can be mailed at 10c. for P. P.



Plain Corn *Rattan Push* *Jap, Fibre*

BROOMS AND BRUSHES

For sweeping paths, gutters, roads, etc.; all with handles.

BROOMS

No. 230. Japanese Fibre.....$1.50
No. 8. Corn and Rattan mixed..... 1.00
Golf Greens (Birch)..... .30
No. 7. Plain Corn, extra quality..... 1.00

ROAD BRUSHES

No. 271. Rattan Push, 14-inch.....$1.25
No. 0286. Bass or Cocoa Push, 14-inch. 1.40



HUDSON DANDELION or WORM CAST RAKE

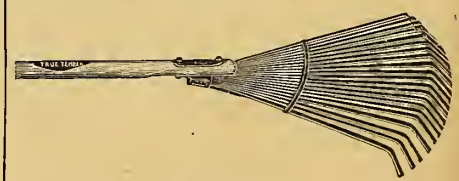
When pulled across the lawn, the stems, leaves and blossoms of the dandelions are wedged between its teeth and easily pulled out. Self cleaning; also valuable for cleaning worm casts and other litter from putting greens and other fine turf playing surfaces.
16-inch...$1.25 each | 20-inch...$1.50 each



JAPANESE BROOM RAKE

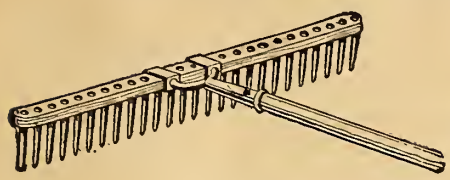
A device for cleaning the debris out of a lawn. Made of split bamboo, rigidly secured, with handle. Just the thing for cleaning grass clippings from walks, flower beds, borders and from the lawn.

Price, with bamboo handle..... $0.75
With hardwood handle 1.25



STEEL BRUME RAKE

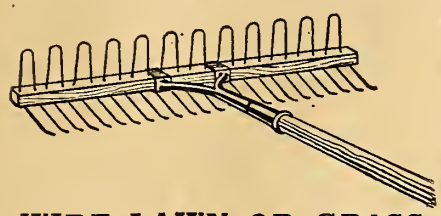
Spring steel teeth; will remove the smallest leaves and litter. Price, $1.25 each.



OLE OLSEN LAWN RAKE

Made of best hard wood, well braced; teeth set close together.

26-tooth, hickory wood. Price, $1.00.

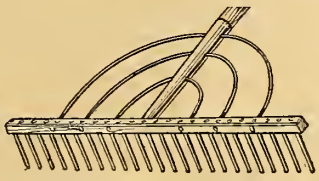


WIRE LAWN OR GRASS RAKE

Made of heavy tinned steel wire. The rake is reversible. These are excellent for lawn or walk work.

No.	Tooth		No.	Tooth	
124R	24	$0.80	36LR	36	$1.50

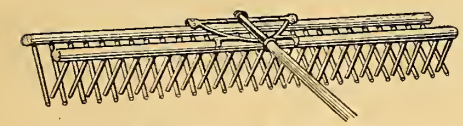
No. 342H—42-tooth, very close for cleaning off putting greens, $1.50.



Ames, No. 37X Rake

WOODEN RAKES

Ames, No. 37X. 24-tooth, steel bows. $1.50
Ames, No. 30X. 14-tooth, hardwood. 1.15
Wire Braced. 20-tooth, lawn..... .70



AUTOMATIC LAWN RAKE

A backward motion of the operator clears all the teeth at once.

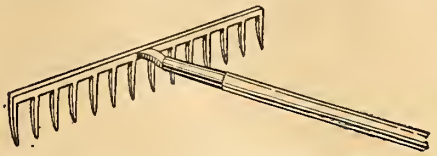
Wood, 26-tooth..... $1.50
Wood, 38-tooth..... 2.00



STEEL GARDEN RAKES

Made of best cast steel, with long teeth.

No.	Tooth		No.	Tooth	
6	6	$0.80	14	14	$1.05
8	8	.90	16	16	1.10
10	10	.95	18	18	1.15
12	12	1.00			

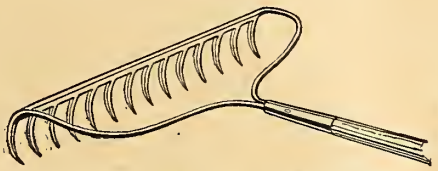


STEEL GRAVEL RAKES

These rakes are used for road making and for paths; having short teeth they do not gather up stones or gravel.

No.	Tooth		No.	Tooth	
G12	12	$1.10	G16	16	$1.40
G14	14	1.20	G18	18	1.45

G20.....20-tooth.....$1.55



STEEL BOW RAKES

Preferred by many to the regular garden rake, the teeth being slightly bent toward the operator.

No.	Tooth		No.	Tooth	
B12	12	$1.15	B14	14	$1.25

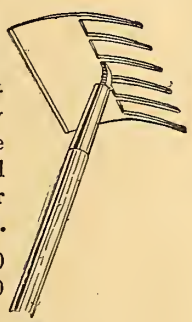
B16.....16-tooth.....$1.35



MICHELL'S EXCELSIOR STEEL GARDEN RAKE

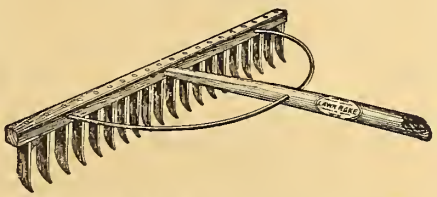
Nicely balanced; 16-tooth only. Price, 75c.

HOE AND RAKE (Combined)



An excellent tool for ladies, combining simplicity and utility. Made of the very best steel, which will outlast several cheaper tools of the same class.

No. 4P. 4-prong..$1.10
No. 6P. 6-prong.. 1.20



MITCHELL ALL WOOD LAWN RAKE

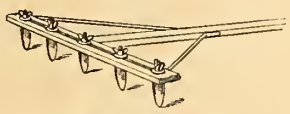
Substantially built of hardwood, but light in weight; the special shaped teeth make it easy to get the loose grass without digging out the grass roots; excellent for raking leaves.

No. 122—22-tooth.....$1.25
No. 126—26-tooth..... 1.50

DOCK LIFTER

For field and farm use; will uproot the deepest seated weed or dock; has tremendous leverage. Made of wrought iron and oak wood; no wear out to it. Price, $4.25.

(Not Mailable.)



Marking Rake



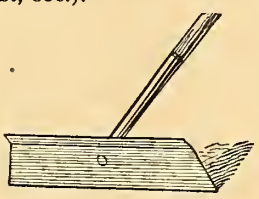
Dock Lifter

MARKING RAKE

Has a spread of 4½ ft.; equipped with five adjustable brass teeth; no better method of row marking can be employed; suited for setting plants or sowing seed. The frame and handle are oak; no wear out to it. Price, $6.50.

(Not Mailable.)

Extra Teeth for same. Price, 75c. (by parcel post, 85c.).



MEHLER HANDY SCRAPER

This was originally designed as a dropping-board scraper in poultry and pigeon houses. It gets in the corners easily and has a sharp crimped edge on the upper side, which is used to loosen up any hard substance. It is also suited for a variety of other work around the farm or garden. Price, $1.00.

MEHLER HANDY HOE

This will do what any half-moon and square hoe will accomplish. It has a wide side and a narrow side, while another part of it will answer as a rake to pulverize the soil. Price, $1.25.

Please note.—Mehler Garden Tools cannot be sent by Parcel Post.

MEHLER GARDENER

An entirely distinct tool. Avoids bending the back. Works closer to the plant than any other device. No hoe is needed where this is used. Just the thing for working among flowers and vegetable plants. $1.25 each.



MICHELL'S LAWN AND GARDEN TOOLS



SQUARE HOES

No. G06.	6-inch, solid shank	$1.15
No. G07.	7-inch, solid shank	1.20
No. G08.	8-inch, solid shank	1.20
No. 10.	10-inch, for celery	1.75
No. K14½.	14-inch, for celery	2.00



MICHELL'S SPECIAL SQUARE HOE

6-inch only; solid shank; 4½-foot handle. Price, 75c.



HALF MOON HOES

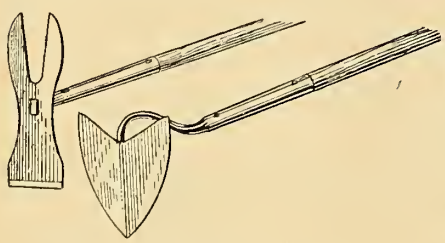
Best steel, solid sockets, which will not pull out.

No. HM3.	3-inch	$0.95
No. HM4.	4-inch	1.00
No. HM5.	5-inch	1.10
No. HM6.	6-inch	1.15
No. HM7.	7-inch	1.20
No. HM8.	8-inch	1.20

TWO-PRONG ONION HOE

Will be found very valuable in weeding in narrow rows. (See cut below.)

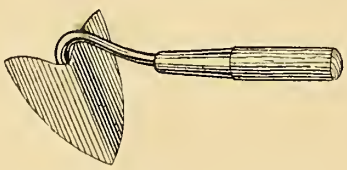
No. 2P. Price $0.50



WARREN HOES

Excellent tools for making drills preparatory to sowing of seed. The backs can be used for covering. (See cut above.)

No. W7.	7-inch	$1.30
No. W8.	8-inch	1.45



BABY WARREN HOE

No. BW4½. Short Handle, 65c. (by P. P., 75c.).



SPECIAL STEEL WEEDING HOE

No. 3W. Short Handle, 60c. (by P. P., 70c.)

SCUFFLE HOES



Made of best steel.

5-inch	$0.80
6-inch	.90
7-inch	1.00
8-inch	1.00
10-inch	1.10

Handles for Scuffle Hoes, 25c. each, extra.



MICHELL'S FIELD HOE

For digging up stubble, small stumps, small plots of ground for planting purposes, etc.

No. GC40.	5½-inch blade, each	$0.90
No. IG7.	7-inch blade, extra heavy, each	1.75



SHOVELS

Long Handle

Ames, round point	$2.50
Red Edge, round point	2.50
Red Edge, square point	2.50
Victor, round point	1.50
Victor, square point	1.50

Short Handle

Ames, round point	$2.50
Ames, square point	2.50
Red Edge, round point	2.50
Red Edge, square point	2.50
Victor, round point	1.50
Victor, square point	1.50



STEEL SCOOP SHOVELS

Strapped shanks, wood D or short handles.

No. 1.	9	-inch mouth	$1.60
No. 2.	10	-inch mouth	1.60
No. 3.	11	-inch mouth	1.70
No. 4.	11½	-inch mouth	1.75
No. 5.	12	-inch mouth	1.90
No. 6.	13	-inch mouth	2.00



STEEL SPADES

Ames, short handle	$2.50
Red Edge, short handle	2.50
Nursery (Pfeiffers), short handle	3.00
Pennsylvania, short handle	1.50
Boys'	1.60



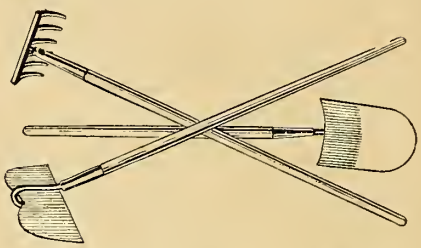
WIRE SCOOP SHOVEL

For handling potatoes, turnips and root crops without bruising or cutting. Made of heavy steel wire $3.00



SNOW SHOVELS

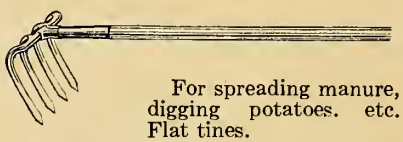
Adams.	Wood, D handles	$1.25
Phillips.	Wood, long handle	1.00
Owosso.	Galvanized, 16-inches wide (see cut)	1.50



GARDEN TOOL SET

For ladies and children, in fact they are suitable for the country gentleman, consisting of 1 hoe, 1 rake and 1 spade. No. 3PF, large size, per set, $2.00.

MANURE DRAGS



For spreading manure, digging potatoes. etc. Flat tines.

No. 4BHFM, 4 tine	$1.40
No. 6BOH, 6 tine	1.75

IMPLEMENT HANDLES

	Each
Axe	$0.65
Spade, plain	.75
Fork, Spading, plain	.75
Fork, Manure, plain, short	.75
Fork, Manure, plain, long	.75
Shovel and Spade, short, plain	.75
Hoe, plain	.25
Rake, plain	.25
Pick or Mattock	.75

12-foot Poles..$2.75 | 14-foot Poles..$3.00



SPADING FORKS

Strapped shanks, short or D-wood handle. Made of best quality steel.

No. OHW. Men's 4-tine.....$2.00
No. O5HW. Men's 5-tine..... 2.25
No. B4D. Boys' or Ladies' 4-tine.... 1.00

MICHELL'S SPECIAL SPADING FORK

4-tine; nicely finished, with D bachelor handle, medium weight, Price, $1.25.



ENGLISH DIGGING FORK No. ED4

Though made in America, it is made exactly after the pattern of garden forks such as are made and used in England. The prongs are solid steel, with square instead of round edges, which adapts it especially for digging in heavy soil, in which it works with ease. Every gardener should add one of these to his collection of tools, as we know it will give him splendid satisfaction. 4-tine, $2.75 each.



MANURE FORKS

Strapped Shanks.

04W—4-tine, light, short handle.....$2.25
163 —4-tine, heavy, short handle.... 2.50
05W—5-tine, medium, short handle.. 2.25
06W—6-tine, medium, short handle.. 2.50
044½—4-tine, long handle..... 1.65
054½—5-tine, long handle..... 2.00



MICHELL'S SPECIAL MANURE FORK

No. 04D2; 4-tine, strap ferrule, iron D handle. Price, $1.25.



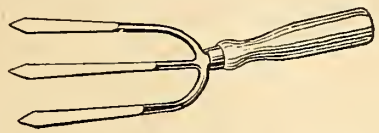
EXCELSIOR WEEDING FORK

No. 300. Made of maleable steel, finished in tin, 12c. (by parcel post, 20c.).



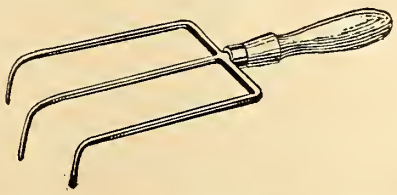
EXCELSIOR WEEDER

Made of malleable iron, finished in tin, (12c. by parcel post, 20c.).



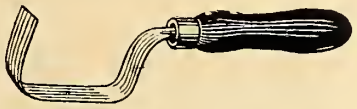
EUREKA WEEDING FORK

Letter G. Made of best flexible steel; splendid for loosening soil in the garden, in hotbeds, etc., 50c. (by parcel post, 60c.).



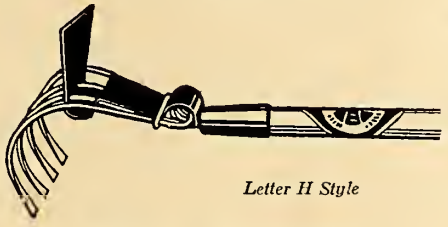
EUREKA WEEDER No. 6

Letter E. Made of flexible steel; very light, an ideal tool for market gardeners, florists and amateurs, 50c. (by parcel post, 60c.).



HAZELTINE WEEDER

No. BW1, 35c. (by parcel post, 45c.).

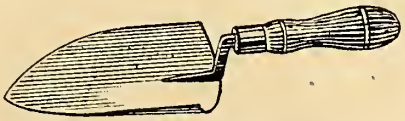


Letter H Style

MAGIC WEEDER

Made of heavy galvanized flexible wire with flattened prongs or ends.

Letter A. Short Handle, Small.....$0.20 (by parcel post, 30c.).
Letter B. Short Handle, Medium.... .30
Letter H. Long Handle, Large..... 1.25
Letter F. Long handle..... .75



JOHNSON STEEL TROWELS, No. 211

These are made of one piece steel blade and shank, equal to the imported trowels.

5-inch.....$0.70 | 7-inch.....$0.80
6-inch..... .75 |

If wanted by parcel post add 10c. each for postage.



D. S. T. STEEL SHANK TROWEL

These are somewhat long in blade and handle, making a very practical tool. 6-inch blade, 85c. each (by parcel post, 95c.).



CLEVES' ANGLE TROWEL No. 217

For getting dandelion, plantain and other weeds out of the lawn, and transplanting.

	Each	P. Post Each
5-inch	$0.20	$0.30
6-inch	.25	.35
7-inch	.30	.40

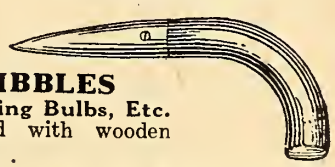
MISCELLANEOUS TROWELS

	Each	By P. Post
No. 213—5-inch	$0.20	$0.30
No. 213—6-inch	.25	.35
No. 0. Neverbreak—6-inch, heavy steel	.15	.25



TRANSPLANTING TROWEL

Steel shank and blade. 75c. (by parcel post, 85c.).



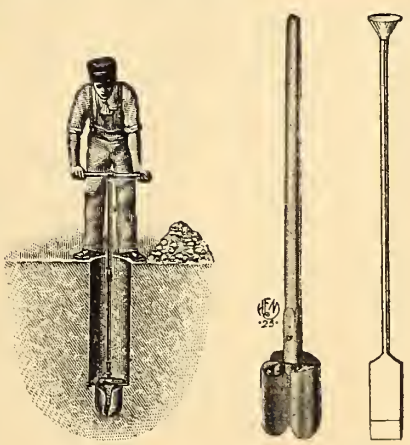
DIBBLES

For Planting Bulbs, Etc.

Equipped with wooden handles.

No. 2180. Brass point, $1.00 (by parcel post, $1.10).

No. 218. Iron point, 85c. (by parcel post, 95c.).



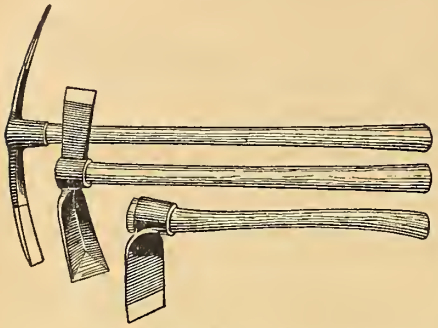
No. 8 Digger *Eureka* *Spade*

POSTHOLE DIGGERS

No. 8. This bores a hole 3½ ft. deep and can be adjusted in diameter from 8 to 14 inches, $5.75.

No. 15. Eureka, $2.50.

Post Hole Spade. All steel with tamper end, $2.50.



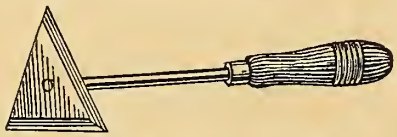
PICKS (Price includes Handle)

All steel, double point, $1.50.

MATTOCKS

(Price includes Handle)

Axe pointed	$1.75
Pick pointed	1.50
Half Mattocks or Grub Hoes	1.50



TREE SCRAPER

For removing loose bark from trees prior to spraying. Steel blade may be detached and sharpened. No. 5, short handle, 65c. (by P. P., 75c.); No. 1, 2 foot handle; extra heavy, $1.25.

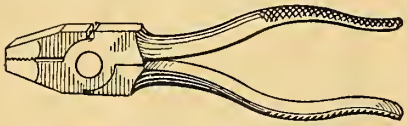
TREE OR BARK BRUSHES

For brushing down trees for removing insects, borers, etc. Made of steel.
Price, 8½-inch, 40c. (by P. P., 50c.).



MONKEY WRENCHES

For machinery. Made of first quality hard steel; 8-inch, 65c. (by P. P., 80c.); 10-inch, 80c. (by P. P., 95c.).



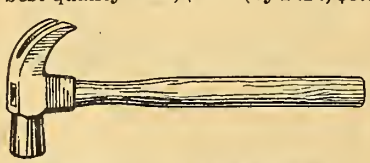
STEEL PLIERS

No.		Each	By P.P. Each
133.	Side cutting, 6-inch	$1.00	$1.10
133.	Side cutting, 7-inch	1.10	1.20



AXES

Plumb Make, medium, man's size, made of best quality steel, $2.75 (by P.P., $3.00).



STEEL HAMMERS

No. 011½ Pexto, 90c. (by P. P., $1.00).



HATCHETS

Made of the best quality tool steel, that will keep an edge.
Plumb, $1.15 (by P. P., $1.30).



PEXTO SCREW DRIVERS

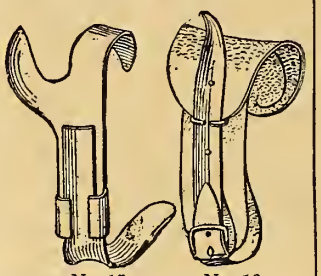
4-in. blade	$0.50	6-in. blade	$0.65
5-in. blade	.60	7-in. blade	.75
10-in. blade	$1.00		

If wanted by Parcel Post add 10c. each for postage.

HUSKING PINS

No. 15. **Universal.** All metal; adjustable to any size hand, 20c. (By P. P., 25c.).

No. 16. **Combination;** leather and metal, 20c. (by P. P., 25c.).

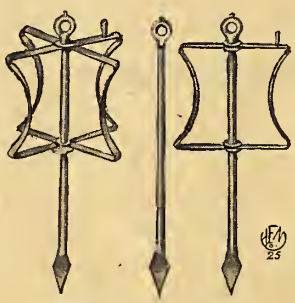


No. 15 *No. 16*



CORN KNIFE

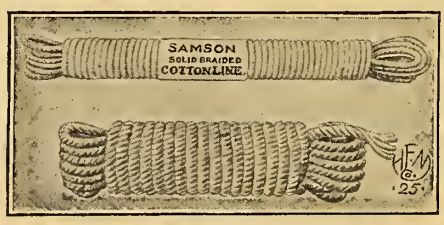
Little Giant. Made of high grade steel, oil tempered; polished on one side; tang extends through oval wood handle. Price, 60c. (by P. P., 75c.).



Double *Single*

GARDEN REELS

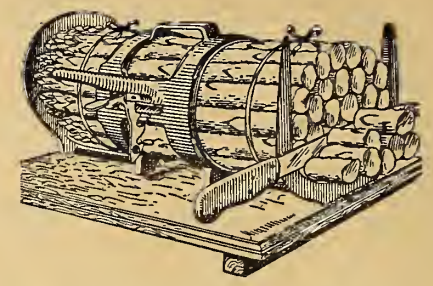
Small, Single, $1.25 (by P. P., $1.45).
Med., Single, $2.10 (by P. P., $2.25).
Large, Double, $4.50 (by P. P., $4.75).
Large, Single, $3.75 (by P. P., $4.00).



GARDEN LINE

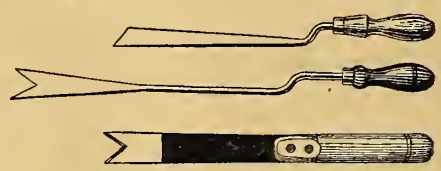
Best quality white cotton braid woven closely.

	Each	By P.P. Each
100 ft. hanks	$1.25	$1.35
Plow Line Cotton, 45-ft. hanks	.65	.75



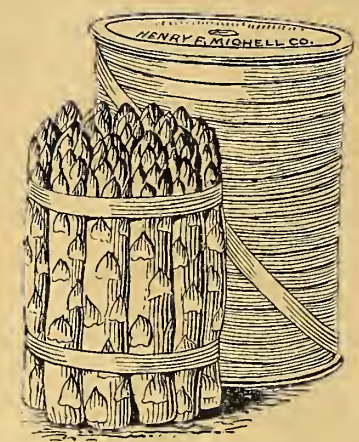
ASPARAGUS BUNCHERS

Even where one has a limited amount of asparagus to market, it pays to use a buncher. Price, with knife guard, $4.75 (by P. P., $5.00).



ASPARAGUS KNIVES

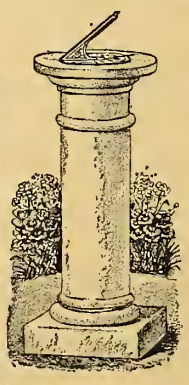
	Each	By P.P. Each
No. 1 (top illustration)	$0.50	$0.60
No. 3L (center illustration)	.55	.65
No. 2311 (bottom illustration)	.45	.55



ASPARAGUS TAPE

Fast red, 1000-yd. spool, $4.50 (by P. P., $4.65). Green, 1000-yd. spool, $4.00 (by P. P., $4.15).

SUN DIALS



These ancient time-tellers are a part of every exclusive flower or vegetable garden and indeed a very interesting one.

No. 350. 8-in. diam., bronze, plain, $5.50 (by P. P., $5.75).

No. 351. 9½-in. diam., bronze, with motto, $6.50 (by P.P., $6.75).

No. 105. 10-in. diam., bronze, with motto, $7.00 (by P.P., $7.25).

No. 107. 11-in. diam., bronze, with motto, $10.00 (by P. P., $10.25).

Prices do not include pedestal.



5695 5945 5668 1586

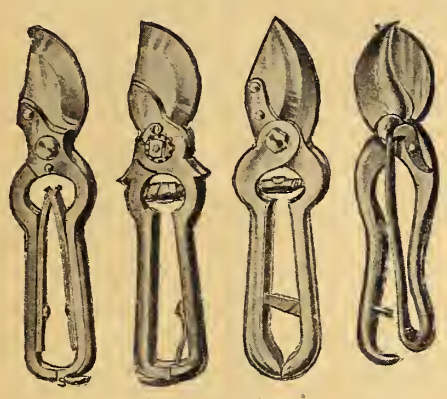
PRUNING SHEARS

Our pruning shears are procured from the most reliable makers and fully guaranteed.

If wanted by Parcel Post add 15c. each for postage and insurance.

No.		Length	Each
5695	Elbersmit	9½ in.	$3.50
5945	Elbersmit	9 in.	3.00
5668	Elbersmit	7½ in.	2.00
5668	Elbersmit	8½ in.	2.25
5668	Elbersmit	9½ in.	2.50
1586	French	7 in.	2.25
1586	French	8 in.	2.50
23	Levin		.75
23	Henckel, Nickeled	4½ in.	2.25
23	Henckel, Nickeled	6½ in.	2.50

Spiral Springs for any of the above Pruning shears. 20c. each; per doz., $2.00.



65 109 105 110

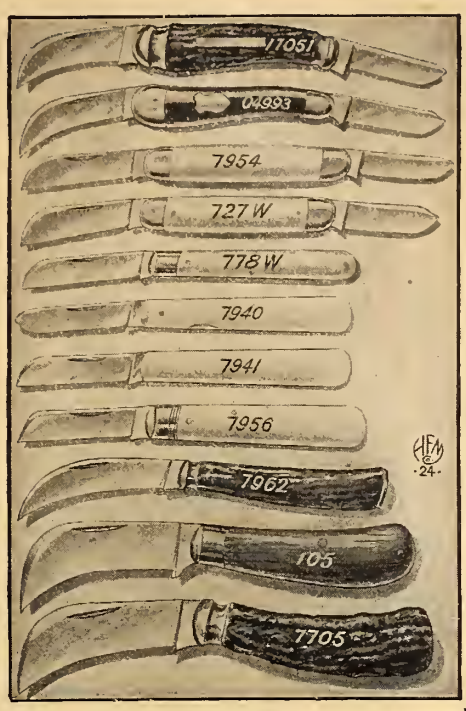
65	Pexto American	9	in.	$1.75
50	Pexto	8	in.	1.00
R50	Pexto	9	in.	1.25
14	Pexto, Nickeled	6½	in.	1.50
0	Pexto	9	in.	.60
109	Wiss	8	in.	3.50
105	Disston	8½	in.	1.50
110	Perfection	8	in.	3.00



ENGLISH BILL HOOKS

For trimming heavy shrubbery, trees, etc.

Short Handle, $2.25 (by P. P., $2.50).
Long Handle, $3.50 (by P. P., $3.75).



HORTICULTURAL KNIVES

Our stock consists of such styles that are practical and in demand. They are all of the best steel. Every one is guaranteed to give good satisfaction.

WOSTENHOLM ENGLISH

No.		Each
7705	Pruning, 1 blade, stag handle, extra heavy	$3.00
7940	Budding, 1 blade, white handle	2.75
7941	Budding, 1 blade, white handle	3.00
7954	Budding, 2 blade, white handle	3.00
7956	Budding, 1 blade, white handle	3.50
7962	Pruning, 1 blade, stag handle.	2.25
17051	Pruning, 2 blades, stag handle	3.25

AMERICAN MAKE

105	Pruning, 1 blade, cocoa handle	1.10
727W.	Budding, 2 blades, white handle	1.25
778W.	Budding, 1 blade, white handle	1.00
04993	Budding and Pruning, 2 blades, ebony or stag handle	1.25

Florists' Favorite. 1 blade, white handle; an excellent knife for the gardener...$1.25



BRUSH OR BRIAR HOOK

No. 43. Long handle.....$0.75



No. 3. Hedge Knife

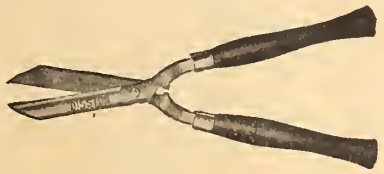


No. 1. Hedge Knife

STEEL HEDGE KNIVES

For cutting heavy brush, shrubbery, hedges, etc. Made of the finest steel.

No. 3. Large heavy style.....$5.00
No. 1. Short handle (by P. P., $1.25). 1.10

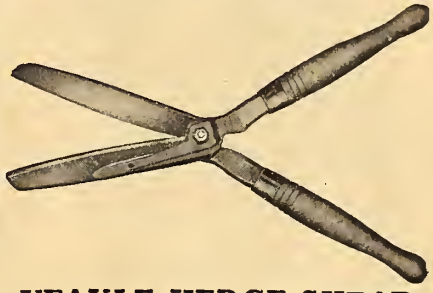


HEDGE SHEARS

If wanted by Parcel Post, add 25c. each for postage.

No.		Disston American	English
101A	6½-inch, Ladies'	$1.50	
101A	8-inch	2.50	$3.25
101A	9-inch	2.75	3.50
101A	10-inch	3.00	4.00
101A	12-inch	3.75	4.75

Bolts and Nuts for hedge shears, 30c.
Handles for Hedge Shears, $1.00 per pair.

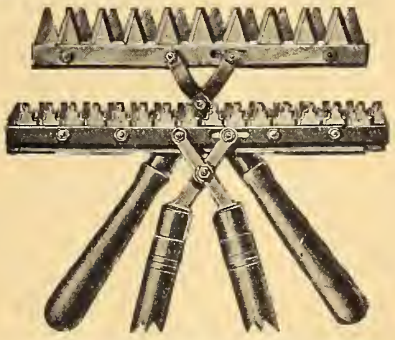


YEAKLE HEDGE SHEAR

These shears will not push the hedge forward but will hold it and cut it at once. They also have a tension spring to keep the blades together, consequently need little or no attention. Price, $6.00 (by P.P., $6.50).

SIMPLICITY HEDGE TRIMMER

To be used for fresh new growth only. Works rapidly and easily. It will trim every variety of hedge grown and to any shape desired. Price, $4.00 (by P. P., $4.25).



SIMPLICITY HEDGE PRUNER AND TRIMMER

For pruning back old growth and trimming new, $6.00 (by P. P., $6.25).

LEATHER PRUNING GLOVES

If wanted by parcel Post, add 10c. per pair for postage.

		Pair
No. 225.	Horsehide, with gauntlets, not lined	$2.75
No. 280.	Horsehide, with gauntlets, lined	2.00
No. 228.	Horsehide, no gauntlets, not lined	2.75
No. 288.	Horsehide, no gauntlets, lined	1.75



LITTLE WONDER HEDGE TRIMMER

This machine is built along practical lines mechanically, and of the very best materials; weight 16 lbs. When the knives require sharpening, do not grind, use a carborundum stone which accompanies each machine. Designed only for trimming back the new growth of hedge during the summer months; not intended for cutting back old wood growth; equipped with a web strap for supporting it from the shoulder when in use. The cutting knife runs backward and forward through a knife guard and is operated by turning a wheel.

Junior. 30-in. cut, price, $25.00.
Little Wonder. 40-in. cut, price, $27.50.
Little Wonder. 60-in. cut, price, $35.00.

WATERS TREE PRUNERS



With removable cutting blade and pole complete.

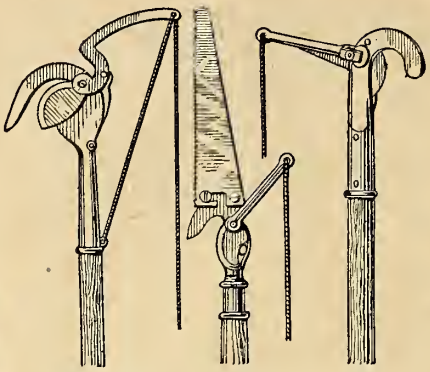
4 feet	$2.50
6 feet	2.75
8 feet	3.00
10 feet	3.25
12 feet	3.50
14 feet	4.00

Extra Blades for Waters Pruners, 35c. each.

The Waters Tree Pruners are equipped with poles and are not mailable.

Poles for Tree Pruners

12 feet long, 1¼ inch diameter	$2.75
14 feet long, 1½ inch diameter	3.00



Disston's Little Giant *Disston's Little Giant with Saw* *Telegraph*

TREE PRUNERS

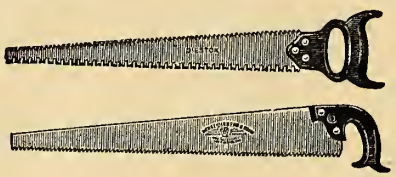
Disston's Little Giant. Pruner $2.25
Disston's Little Giant. With saw attachment 3.25

If wanted by Parcel Post, add 15c. each for postage.

Prices are for Pruner without rope or pole.

TELEGRAPH TREE PRUNERS

Removable blade, which can be renewed when worn out for 35c. Price, plain, without pole, $2.10 (by P. P., $2.25).



DISSTON PRUNING SAWS

If wanted by Parcel Post, add 15c. each for postage.

No. 4.	18-inch.	Double edge	$1.75
No. 4.	20-inch.	Double edge	2.00
No. 7.	16-inch.	Single edge	1.60
No. 7.	18-inch.	Single edge	1.70
No. 7.	20-inch.	Single edge	1.80
No. 7.	22-inch.	Single edge	2.15

15-inch. **California Pattern.** Crescent shaped blade 1.25



CROSS CUT LOG SAWS

Disston Make

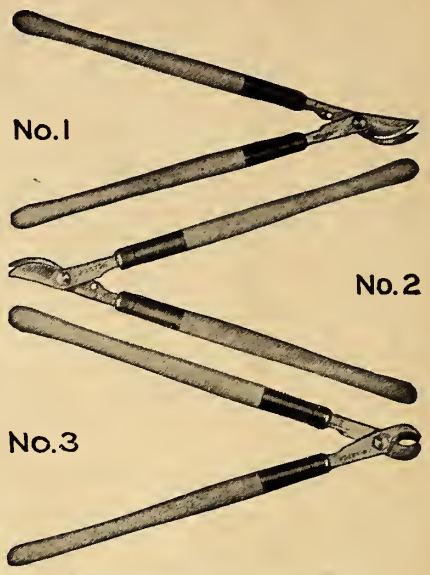
Keystone No. 3, one-man, 3½ ft. blade. $3.50
Gt. American, two-man, 5 ft. blade ... 5.50



CARPENTER SAWS

State if rip or cross-cut is wanted.

Disston No. 8D. 26-inch blade $3.50
Disston No. 8D. (Rip) 28-inch blade. 3.75



LOPPING SHEARS

No. 1. Disston Lopping. Polished hardwood handle, 20 inches long; 27½ inches over all; heavy ferrule; heavy blades for heavy work; weight, 3¼ lbs. Price, $3.00 (by P. P., $3.25).

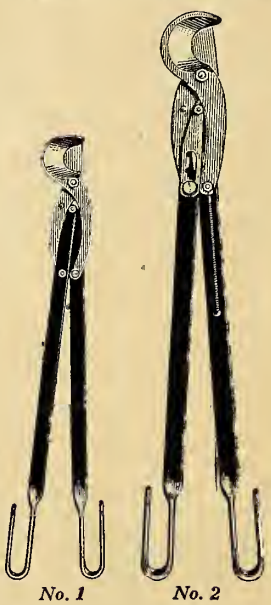
No. 2. Disston Vine Lopping. Details same as above, excepting it is made slightly lighter for smaller work; weight, 3 lbs. Price, $2.75 (by P. P., $2.90).

No. 3. Disston Bull Dog Lopping. Both jaws curved and both cutting jaws; weight, 3⅓ lbs. Price, $2.75 (by P. P., $2.90).

TIFFANY LOPPING SHEARS

No. 2. Cuts 1½ inch limbs with ease. 24 inches long. Price, $3.75 (by P. P., $3.90).

McKENNEY TREE PRUNER AND LOPPING SHEAR

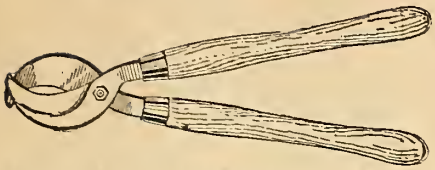


No. 1 *No. 2*

The makers claim for the "McKenney" Pruner, the easiest cutting pruner in the world; one that does not injure the bark in any way, as both blades have cutting edges; "McKenney" Pruners are made of steel throughout; nothing about them to break. The blades are dropped forged from tool steel and therefore are as strong as they can possibly be made. The handles are of steel; the handgrip is designed so that the pruner may be carried on the belt.

No. 1. Cuts limb up to 1 inch in diam.; weight 2¼ lbs.; 23 inches long. $4.50 each.

No. 2. Cuts limb up to 1½ inch in diam.; weight 5¼ lbs.; 30 inches long. $6.00 each.



RHODES LOPPING SHEAR

Makes an absolutely clean, perfect cut; the blades are concaved at the cutting edge, producing with the handles an enormous leverage. The easiest operating Lopping Shear ever made or sold. 24-inch and 28-inch handles. Price, $5.00 (by P. P., $5.25).



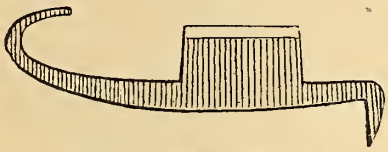
ENGLISH LOPPING SHEAR

No. 109. Made of the finest English steel; 4-inch cut; will sever heavy branches readily. Price, $6.75 (by P. P., $7.00).



GRAFTING WAX

¼ lb., 20c.; 30c. per ½ lb. (by P. P., 35c.); 1 lb., 55c. (by P. P., 65c.).



GRAFTING TOOL

Made of the best steel. For grafting trees, etc.
All steel. $1.75 (by P. P., $1.85).

MAN O'WAR WINDMILL



An interesting feature for the children's garden, although they are equally practicable for the grown-ups. Revolves with the least puff of wind and on account of their looks they serve as a scarecrow for undesirable birds or animals. They can be fastened to any tree, post, house or wash line pole. Height, 15 in.; $1.50 each (by P. P., $1.60).

INDIAN CHIEF WINDMILL

$1.50 each (by parcel post, $1.60).



COMPOUND EXTENSION LADDERS

These are made in the best manner possible; are complete, being equipped with the necessary rope and pulleys.

20 feet	70c. per ft.	30 feet	70c. per ft.
22 feet		32 feet	
24 feet		36 feet	80c. per ft.
28 feet		40 feet	

SINGLE PLANK LADDERS

Made of good hard wood, free from faulty knots and with perfect rounds.

10 feet	$5.50	16 feet	$8.80
12 feet	6.60	18 feet	9.90
14 feet	7.70	20 feet	13.00

STEP LADDERS

Gem. 4 ft. to 10 ft., 65c. per foot.

BUCK SAW

No. 50. Each, $1.50 (by P. P., $1.75).

SAW-HORSE or WOODBUCK

No. 2. Each, 85c. (by P. P., $1.00).

SOIL PULVERIZER

The machines are equipped with a hopper and a roller, the latter being spiked. It is turned by means of a handle and crushes the soil perfectly, avoiding necessity to sift.

No.	Length	Width	Height	Price
1	25 in.	20 in.	40 in.	$22.00
2	46 in.	20 in.	40 in.	32.50
3	46 in.	20 in.	40 in.	42.50

The No. 3 size has an extra roll.

ELLISCO BEETLE CATCHERS

"Red Star Brand"

(Patent applied for)



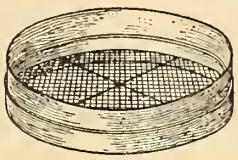
This beetle trap is the result of scientific researches on the destruction of the Japanese Beetle. Improvements in the trap simplify its use and increase its efficiency; the new vertical wing, with perforated bait lure, attracts and holds even the most elusive of these beetles and holds them directly over the funnel into which they drop. Need be baited only once a season; bait sold separately, with full directions.

No. 2 size, as illustrated, made of galvanized metal, will last for years, $2.00 each.

No. 1 size, fits on any Mason jar or similar container, made of tin, $1.00 each.

Acme Beetle Bait. ¼ pt. cans for use with No. 1 trap, 35c.

½ pt. can for use with No. 2 trap, 60c.

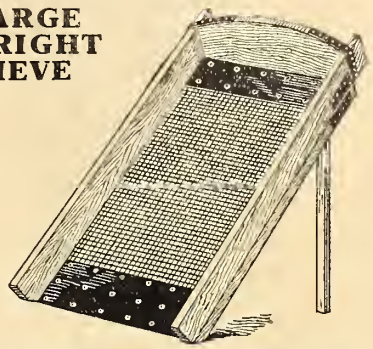


SIEVES

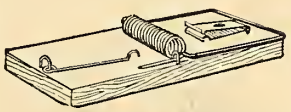
(Any Size Mesh)
Made extra well.

	Each	By P. P. Each
20-inch Steel (Heavy)	$1.75	$1.95
20-inch Galvanized wire	1.75	1.95

LARGE UPRIGHT SIEVE



For soil, gravel, sand, etc. Made in any size mesh, of extra heavy grade foundry wire. $20.00 each.

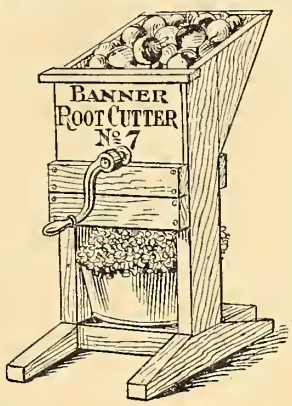


OUT-O-SIGHT TRAPS

The most satisfactory mouse and rat trap. Set off at the least vibration.

	Each	By P.P. Each
Mouse	$0.10	$0.15
Rat	.20	.25

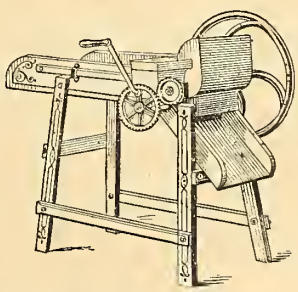
BANNER ROOT CUTTERS



Roots of vegetables cut up fine take the place of grass and greens during the winter months.

No. 7. For poultry, sheep and lambs, $6.50.

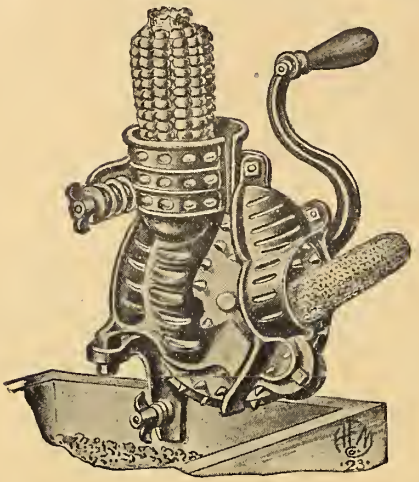
No. 35. Large size, $30.00.



HAY AND FEED CUTTER

For cutting hay, ensilage, etc.
No. 11¼ **Ohio Pony.** Single knife..$35.00

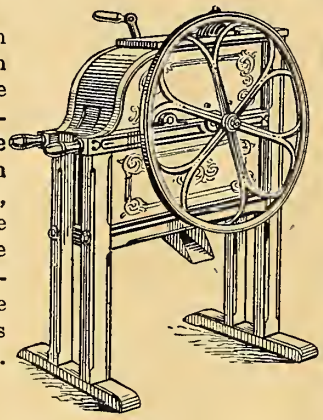
MICHELL'S FARM AND GARDEN ACCESSORIES



BLACK HAWK CORN SHELLER

Excellent for small poultry farms, etc. Ball-bearing; suitable for fastening to a bench, box, etc., for shelling small quantities of corn. $3.25 each (by P. P., $3.60).

PENNA. CORN SHELLER No. 3



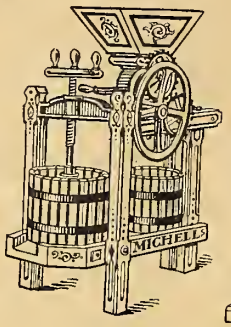
Useful on every farm and private estate. Separates the corn from the cob, throwing the cob to one side and allowing the corn to pass out another. $15.00.



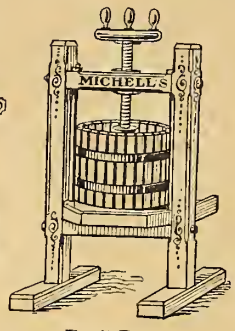
GRAPE PROTECTING BAGS

Thousands of bunches of grapes are wasted annually because they are not protected against the ravages of insects, birds, etc. Michell's Improved Grape Bags are economical, easily attached and last a season. The fruit ripens just as readily in them as it does in the open. The bags should be attached when the grapes are the size of a pea prior to which it is suggested that they be sprayed (even though not affected) against blight or fungus; the bags should be left attached until the fruit is ready to harvest.

	100	P. P. per 100	1000
2 lb. size	$0.60	$0.70	$5.00
3 lb. size	.70	.80	5.75
4 lb. size	.75	.90	6.50



Cider Mill



Fruit Press

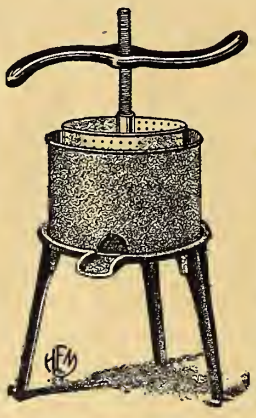
CIDER MILLS

	Capacity	Price
Junior	⅝ bu.	$27.50
Medium	¾ "	35.00
Senior	1¼ "	42.50

FRUIT PRESSES

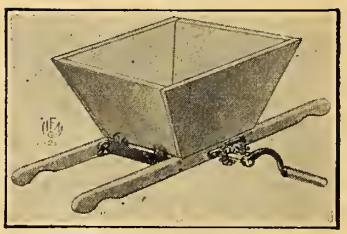
Made of best quality wood, carefully bolted and finished.

No.	Capacity	Price
1	¼ bu.	$ 8.50
2	½ "	10.00
3	1 "	14.00
7 Very heavy		35.00



JUICY FRUIT PRESS

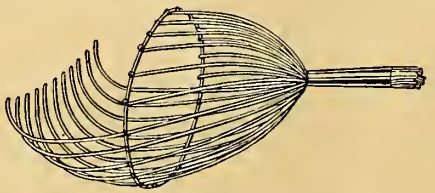
A very valuable press for making Jellies, Fruit Syrups, Lard, etc. All parts coming in contact with fruit juices are tinned with pure block tin. Base and feet cast as one piece. Price, $8.50.



GRAPE GRINDER

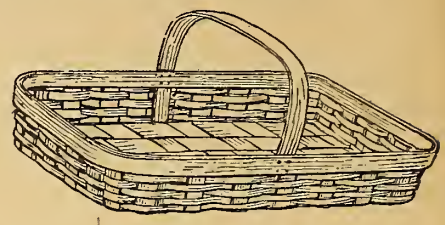
Suitable for crushing berries, grapes and similar soft fruit.

No. 18	$7.00
Handy Crusher	8.00



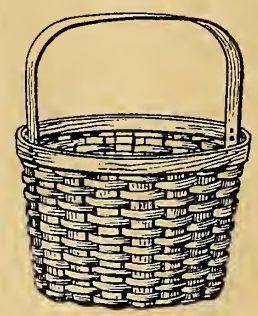
BOSS FRUIT PICKER

Made substantially of galvanized wire. Can easily be attached to a pole of any length. Price, 50c. (by P. P., 60c.).



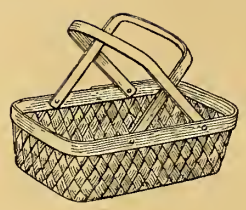
GATHERING BASKET

Very convenient for carrying berry boxes, asparagus and other vegetables. Made of oak, with substantial handles; 12 in. wide, 23 in. long, 4 in. deep. Price, $1.10 (by P. P., $1.30).



GARDEN BASKETS

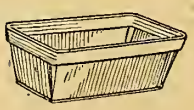
No. 2, Stiff Handle
½ Bu., $1.00 each (by P. P., $1.20).
No. 3, Drop Handle
½ Bu., $1.00 each (by P. P., $1.20).
No. 4, Without Handle
½ Bu., 85c. each (by P. P., $1.00).
1 Bu., $1.00 each (by P. P., $1.20)



SPLINT OR CHIP BASKETS

With Double Drop Handles

	Each	Doz.
⅛ bu.	$0.10	$1.00
¼ bu.	.15	1.50
½ bu.	.20	1.75
¾ bu.	.25	2.25
1 bu.	.30	2.75



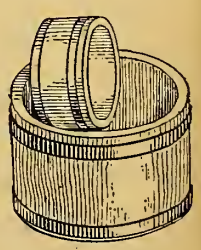
BERRY BOXES

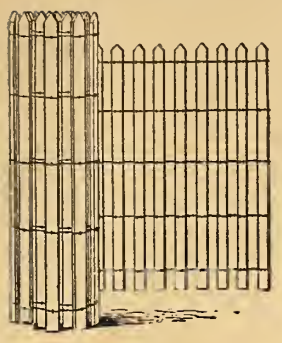
	100	1000
1 qt.	$1.50	$12.00
1 pt.	1.35	11.00

WOOD MEASURES

¼ peck	$0.65
½ peck	.70
1 peck	.80
½ bushel	1.25
1 bushel	3.00

If wanted by P. P., add 20c. for postage.





CEDAR PICKET FENCING

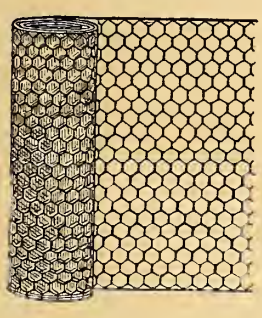
This is tailor-made compared to the ordinary ready-made fencing. Will wear for years without paint. Readily put up and saves time, labor and expense of fence building. Far ahead of and will outwear the old style wire fence by many years. Rolls of 50 feet are carried in stock; 75 and 100 ft. rolls will be shipped from factory.

3 ft. high, with 4 galvanized steel double wire cables, 15c. per running foot.

4 ft. high, with 5 galvanized steel double wire cables, 17c. per running foot.

5 ft. high, with 6 galvanized steel double wire cables, 22c. per running foot.

WIRE NETTING



Price is constantly changing and is subject to market.

No. 19. Galvanized, two-inch mesh, 150 running feet per bale.

Width	Per Bale	Width	Per Bale
12 inches	$1.75	42 inches	$4.75
18 inches	2.50	48 inches	5.50
24 inches	3.25	60 inches	6.50
30 inches	3.75	72 inches	8.00
36 inches	4.25		

No. 20, galvanized, one-inch mesh, 150 running feet per bale.

Width	Per Bale	Width	Per Bale
12 inches	$3.50	42 inches	$9.25
18 inches	4.75	48 inches	10.25
24 inches	6.00	60 inches	12.00
30 inches	7.00	72 inches	15.00
36 inches	8.00		

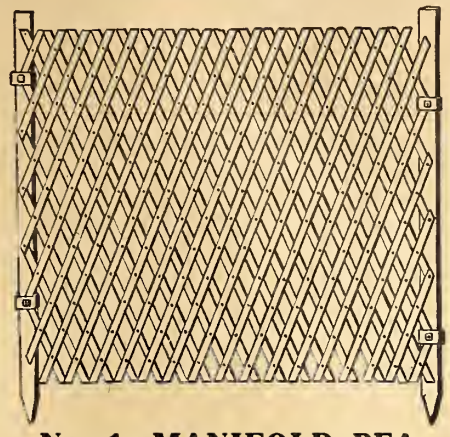
STAPLES

¾ inch, for fastening netting, 15c. per lb. (by parcel post, 25c.).

CUT WIRE NETTING

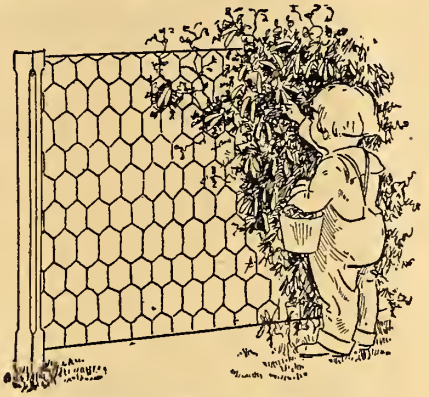
We can furnish this in both 1- and 2-inch mesh, in units of 25-ft., 50-ft., 75-ft., 100-ft. and 125-ft. lengths. 1-inch mesh at 4c. per square ft.; 2-inch mesh at 2c. per square ft.

Our Garden Tool and Sundries Department we believe to be the most fully equipped of any seed store in the United States. Most every article of real merit for horticultural work will be found here, and of the best quality.



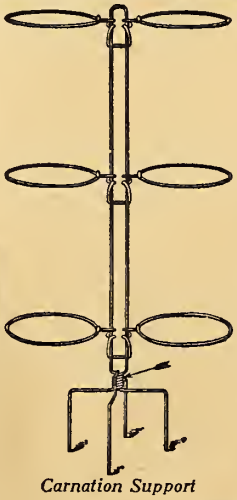
No. 1, MANIFOLD PEA TRELLIS (Wood)

The ideal arrangement for garden and sweet peas. When fully opened it makes a trellis 19 feet long, and this is varied according to the height desired. Positively the best thing of its kind that has ever come to our notice. It can be set up in 5 minutes and taken down in less; folds together so that it occupies very little storage space. Very desirable also as a trellis for training vines on. Complete ready to put up; stained green, $4.00 each; doz., $46.00.



WIRE PEA TRELLIS

Does away with brush, twine, etc., and avoids the necessity of peas lying on the ground and wasting; made of best wire and painted wood. It is 48 inches high and in 10-foot sections, with 3 suitable 5½-foot stakes for fastening in the ground. $1.75 each.



Carnation Support

MICHELL'S DOUBLE 3-RING CARNATION SUPPORTS

The best double support on the market; made of Nos. 11 and 14 galvanized wire, which will not rust; 28 inches high; can be put together in less than a minute; will not fall apart; can be raised and lowered to suit plants. This support will pack in a small space, the legs folding flat after the rings are detached.

Per doz.	$1.75
Per 100	12.50
Per 1000	110.00

ADJUSTO PLANT SUPPORT

Indispensable for Roses, Dahlias, Tomato and other plants.

The "Adjusto" Plant Support is a marvel for simplicity and efficiency. It consists of two parts, an oak stake pointed at the bottom and painted green and a hoop of the toughest wire, also painted green to prevent rust.

It contains no nails, hooks, or screws. It holds securely any flower or plant and can be adjusted to any height to conform with the plant's growth.



Plants thrive when supported by the "Adjusto" and are sure to bear more beautiful blossoms and perfect fruit.

A permanent equipment which can be used year after year.

Height	Each	Doz.
18-inch.	$0.10	$1.00
24-inch.	.12	1.25
3-feet.	.30	3.25
4-feet.	.35	4.00
5-feet.	.40	4.50
6-feet.	.45	5.25

MICHELL'S DOUBLE SNAPDRAGON SUPPORT

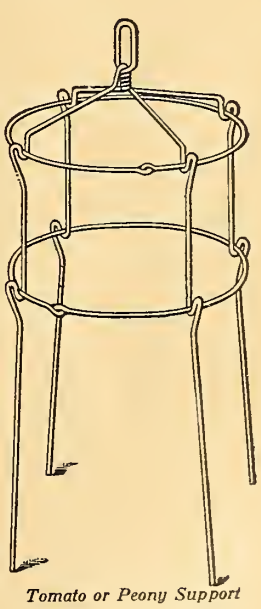
The only support of the kind on the market and indispensable to the proper growing of this popular plant; 48 inches high; 3-ring. Per doz., $2.50; $16.50 per 100.

MICHELL'S TOMATO OR PEONY SUPPORT

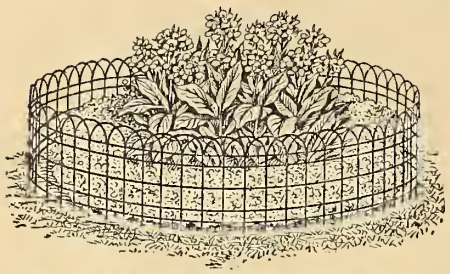
(See illustration below.)

Made of galvanized wire in a substantial manner; stands solid and firm; they will pay for themselves the first season, insuring more flowers and better fruit. Price, 35c. each; doz., $3.75; $30.00 per 100.

See page 167 for Plant Stakes.



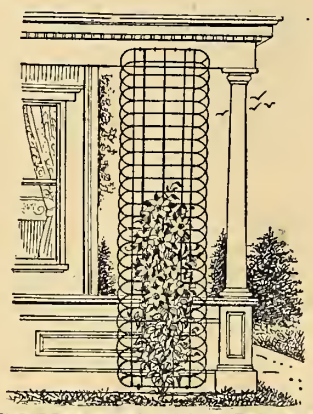
Tomato or Peony Support



FLOWER BED FENCING

For putting around beds, lawns, etc. Any length desired up to 165 running feet.

16 in. Less than 165 ft. roll, 12c. per ft.
16 in. In roll lots, 165 ft., 10c. per ft.
22 in. Less than 165 ft. roll, 13c. per ft.
22 in. In roll lots, 165 ft., 12c. per ft.

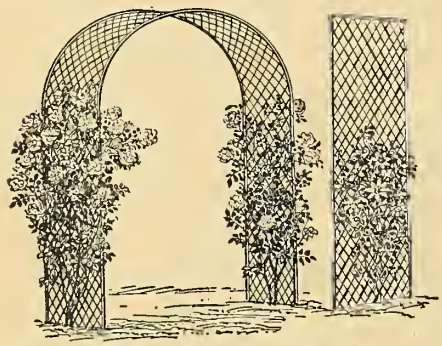


CONTINUOUS WIRE TRELLIS

Excellent for training vines of all kinds up porch verandas, pergolas, etc. Thoroughly galvanized and well made.

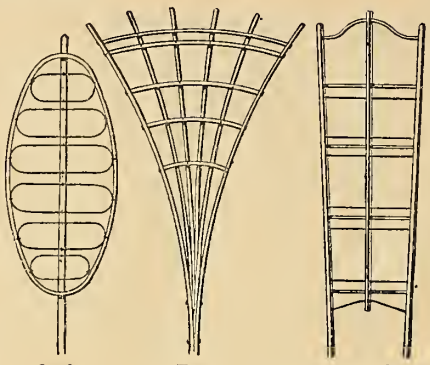
Any length desired up to 165 running feet.

18 in wide, less than 165 ft. roll, 12c. per ft.
18 in. wide, in roll lots, 165 ft., 10c. per ft.
24 in. wide, less than 165 ft. roll, 14c. per ft.
24 in. wide, in roll lots, 165 ft., 12c. per ft.



GALVANIZED WIRE WORK

This can be furnished on short notice, any height or any width, in either trellises or arches. Made of heavy diamond mesh wire with strong frames. It requires usually about two weeks in which to complete orders for this. 50c. per sq. ft. on pieces aggregating 15 sq. ft. or over; less than 15 sq. ft., 60c. per sq. ft.



Oval *Fan* *Veranda*

VERANDA TRELLIS

Made of wood and painted green.

2 feet	$1.00
3 feet	1.35
4 feet	1.50
5 feet, heavy	2.25

FAN TRELLIS

Made of wood and painted green.

18-inch	$0.40	36-inch	$1.35
24-inch	.50	42-inch	1.45
30-inch	.75	48-inch	2.00

OVAL TRELLIS

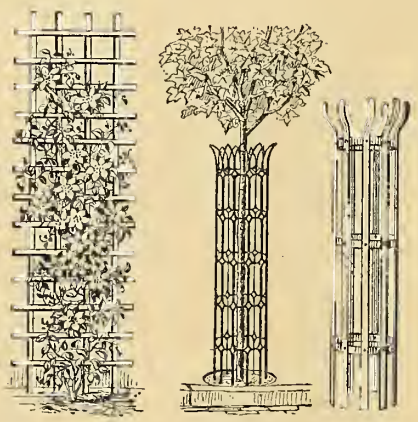
Made of wood and painted green.

24-inch	$0.60

LATTICE TRELLIS

Made of wood and painted green.

	18 in. wide	24 in. wide
6 feet	$2.50	$3.50
7 feet	3.00	4.00
8 feet	3.50	4.50
9 feet	3.75	4.75
10 feet	4.25	5.25
12 feet	4.75	6.25



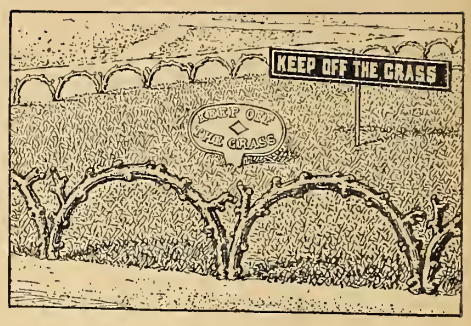
Lattice Trellis *Wire Guard* *Iron Guard*

TREE GUARDS

Galvanized Wire. Carefully made of heavy material and finished in a neat and substantial manner. 12 in. diam., $2.00 each; 9 in. diam., $1.75 each.

No. 4. **Iron.** Made of flat iron, finished black; will last indefinitely with an occasional painting. $4.00 each.

Phila. Official Tree Guard. Made of heavy round iron. $6.50 each.



LAWN GUARDS

For path corners, flower beds, etc. **Iron** (see cut), nicely painted green, $2.75 each. Not mailable.

Wire, made extra heavy and well galvanized. Price, 30c. each (by P. P., 40c.); per doz., $3.25 (by P. P., $3.60).

LAWN SIGNS

Excellent for putting on grass plots where thoroughfare is not desired.

Iron, painted gray, trimmed red, $1.00 each (by P. P., $1.15); per doz., $10.00.

Enameled Iron Style. (See cut above.) This pattern is best for conspicuous places. Nameplate finished with green and white enamel; 20 inches long and about 4 inches wide. Equipped with iron stake. $2.25 each (by P. P., $2.45); per doz., $25.00.

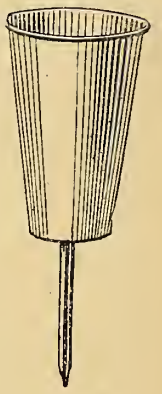
NO GUNNING SIGNS

Made of white oil cloth, with large black lettering; size, 12 by 13 inches. Price, 6 for $2.50; $4.50 per doz.

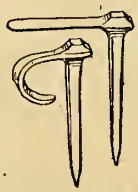
VASES

For holding cut flowers on cemetery lots, etc.

	Each
Iron. Large; green	$0.80
Iron. Medium; green	.65
Galvanized. Large	1.00
Galvanized. Medium	.85
Tin. Enameled; large, green, 20c. each; doz., $2.25.	



Tin Enameled Vase



WALL NAILS

For fastening climbing vines; equipped with a soft metal clasp which holds the vine against the wall.

1-inch, 45c. per doz. (by P. P., 50c.); per 100, $2.75 (by P. P., $2.85).

1½-inch, 60c. per doz. (by P. P., 65c.); per 100, $3.75 (by P. P., $3.95).

2-inch, 75c. per doz. (by P. P., 85c.); per 100, $4.50 (by P. P., $4.75).



RUBBER HOSE

	Per ft.
Michell's Special, ½ inch	$0.14
Michell's Special, ¾ inch	.17
Electric. You cannot kink it. ½ inch	.22
Electric, ⅝ inch	.23
Electric, ¾ inch	.24
Michell's Akron, ¾ inch	.21
Michell's Magic, ¾ inch	.24
Spray Pump Hose, Electric, ⅜ inch.	.15

All brands come in reels of 500 feet and sections in any length to that number of feet may be had.

25- and 50-foot sections of hose coupled free. Smaller sections coupled at the rate of 30c. per pair for couplings.

Hose Washers. ¾ inch, 5c. per doz.; ¼ lb., 15c.; 50c. per lb. (by P. P., 60c.). 1 inch, 6c. per doz.; ¼ lb., 20c.; 75c. per lb. (by P. P., 85c.).



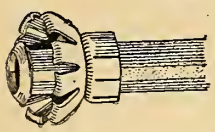
Cooper Hose Mender

HOSE MENDERS

If wanted by parcel post, add 15c. per doz. for postage.

	Each	Doz.
Cooper's, ¾-inch	$0.10	$1.00
Cooper's, ⅝-inch	.10	1.00
Cooper's, ½-inch	.10	1.00
Jones Iron, ¾-inch	.10	1.00

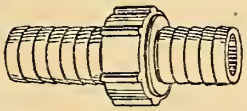
PERFECT HOSE MENDERS



Made entirely of brass, with swivel motion—no band required.

For ½-inch and ¾-inch hose, 15c. each; doz., $1.40 (by P. P., $1.55).

HOSE COUPLINGS

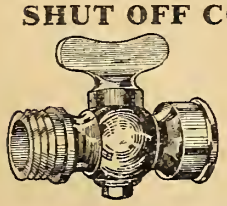


If wanted by parcel post, add 5c. each; 25c. per doz. for postage.

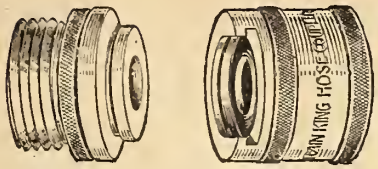
		Pair	Doz.
Plain Brass (see cut)..	½ inch	$0.20	$2.00
Plain Brass	¾ inch	.20	2.00

Perfect. Equipped with a clamp on the male and female part for securing to the hose; no band required; for ½- and ¾-inch hose; mention which is wanted when ordering. 30c. per pair; doz., $3.25.

SHUT OFF CONNECTION

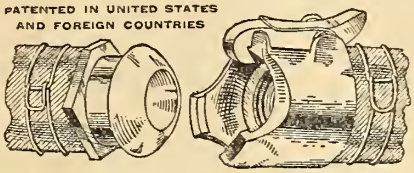


Cast brass, polished; ¾ in. male thread on one end; ¾-inch female thread on other end. $1.25 each.



RAIN KING COUPLING

Snaps together instantly; fits nozzles, sprinklers and hose connections, 60c. each (by P. P., 65c.).



No. 2 Snap Coupling *No. 1 Snap Coupling*

SNAP HOSE COUPLINGS

These couple hose instantly, work on a spring and are water tight.

No. 2. Male. 25c. each; per doz., $1.75 (by P. P., $1.90).

No. 1. Female. 40c. each; per doz., $3.50 (by P. P., $3.65).

Washers, 25c. per doz.



Caldwell Band as applied to Hose



HOSE BANDS

For fastening couplings and menders.

CALDWELL'S

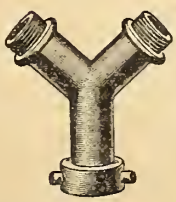
If wanted by parcel post, add 10c. per gross for postage.

No.		Doz.	Gross
8.	For 4-ply hose	$0.35	$3.25
6.	For 3-ply hose	.35	3.00

SURE GRIP

Can be furnished in ½-inch, ⅝-inch and ¾-inch, either size, 5c. each; doz., 40c. (by P. P., 45c.).

NO. 68. SIAMESE HOSE CONNECTION

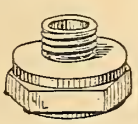


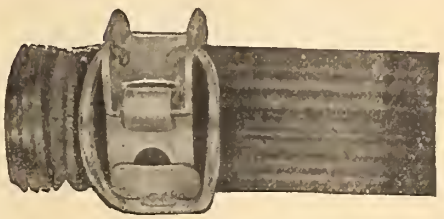
This permits one lead of hose to be diverted in two directions. Additional three-way connections can be used according to the water pressure. It is specially adapted for lawn sprinkling. Price, 65c. each (by P. P., 75c.).

HOSE REDUCERS

For reducing 1-in. pipe to fit regular ¾-in. hose.

Each, 60c. (by P. P., 70c.).





NOSCREW HOSE CLAMP

Installed instantly without annoyance by hand, no screw-driver or tools of any description required. Made of cold rolled steel, galvanized and nickeled; made in ½ inch, ⅝-inch and ¾-inch sizes. 10c. each; doz., $1.00.

HOSE REELS

WIRT'S REEL

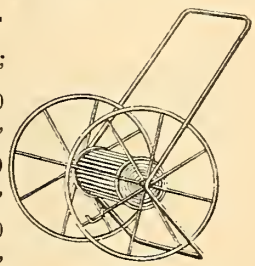
(All Iron)

Indestructible; light in weight.

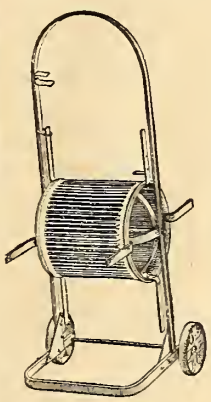
No. 10. Holds 100 ft. of ¾ in. hose, $6.00.

No. 20. Holds 150 ft. of ¾ in. hose, $6.50.

No. 30. Holds 400 ft. of ¾ in. hose, $9.00.



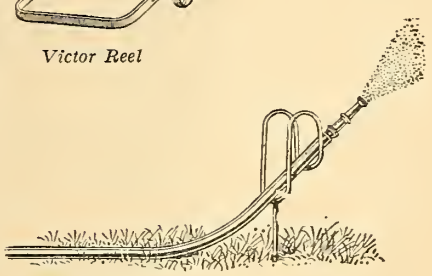
Wirt's Reel



Victor Reel

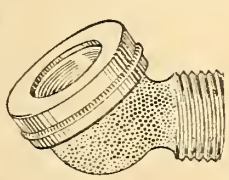
VICTOR REEL

Constructed with channel steel frame; cast iron wheels; solid steel reel arms; heavy corrugated steel drum. Holds 100 ft. of ¾ inch hose, $3.50 each.



NOZZLE HOLDER

For sticking in the ground while one continues with other work. Made of galvanized heavy wire. Price, 20c. each (by P. P., 20c.).

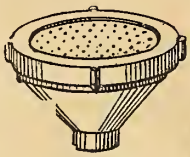


HYDRANT ATTACHMENTS

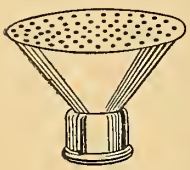
For attaching hose to smooth faucets. No. 2. For small spigot, 50c. (by P. P., 60c.).

No. 3. For large or standard spigot, 60c. (by P. P., 70c.).

BINKS NOZZLE



Made of aluminum, with brass face; equipped with interchangeable sprays, coarse and fine. It makes watering possible without wetting the hands. Positively the best and most indestructible nozzle made. $3.00 each; worth twice the price (by P. P., $3.10).



BOSTON SPRAY NOZZLE

(For ¾-inch Hose)

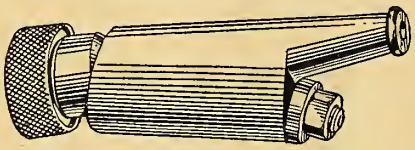
Light Copper. $1.35 (by P. P., $1.45).

Heavy Brass. $1.35 (by P. P., $1.45).



AQUMATIC HOSE NOZZLE

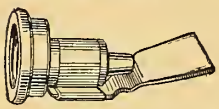
A high-grade water control, opening and closing automatically, by slightly pressing lever with the fingers; a positive, quick shut-off; made of heavy cast brass. Price, $2.00 (by P. P., $2.10).



RAIN KING NOZZLE

Wear-proof, leak-proof and guaranteed; adjustable from a long, solid stream to the finest mist spray. $1.50 each (by parcel post, $1.60).

CHAMPION NOZZLE



A dandy nozzle for greenhouse use; makes a spray or a solid stream; easily adjusted. 50c. each (by P. P., 60c.).



Two Purpose

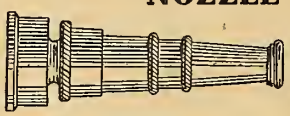
TWO PURPOSE NOZZLE

A combination hose nozzle and garden spray; gives any desired spray from a fine mist to a powerful compact stream. $2.00 each (by P. P., $2.10).

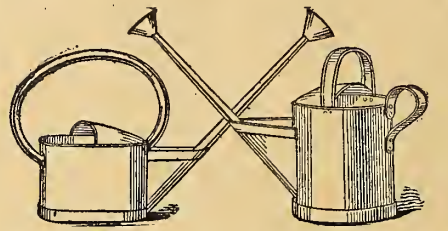
RUBBER APRONS

For protecting the clothing while watering, etc., made of extra heavy material; brass eyelets. $2.00 each,

GEM PATTERN HOSE NOZZLE



¾-inch hose. Can be regulated to give three different streams. Price, 50c. (by P. P., 85c.).



WATER CANS (Wotherspoons)

Extra Heavy—With Long Spout—Will Last for Years

Each Wotherspoon can comes equipped with two roses, one coarse and one fine. These cans are not mailable.

	Round	Oval
4 quart	$4.70	
6 quart	5.00	$5.50
8 quart	5.50	6.00
10 quart	6.00	6.50
12 quart	6.25	6.75
16 quart	7.00	7.50
4 quart Fern or Low Watering Can	3.75	

EXTRA ROSES OR SPRAYS

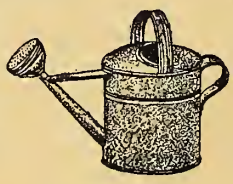
For Wotherspoon Watering Can, either coarse or fine, 60c. each (by P. P., 70c.).

IRON CLAD WATER CANS

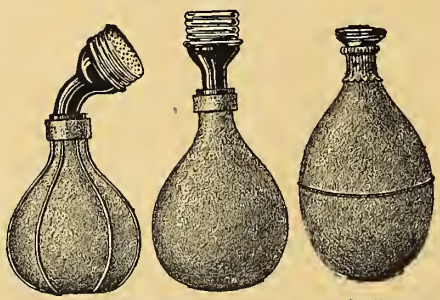
Made of light galvanized iron

4 quart	$0.90
6 quart	1.00
8 quart	1.10
10 quart	1.20
12 quart	1.30
16 quart	2.00

If Iron Clad Water Cans are wanted by parcel post, add 25c. each for postage.



Iron Clad



Spraywell *Scollay*

RUBBER SPRINKLERS

Spraywell style in either straight or crook neck.

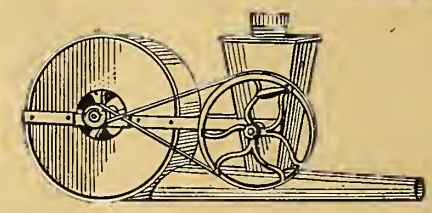
No.		Each
1.	**Spraywell Style.** 6 oz. capacity	$0.85
2.	**Spraywell Style.** 8 oz. capacity	1.10
3.	**Spraywell Style.** 10 oz. capacity	1.2[illegible]
1.	**Scollay.** 10 oz. capacity	1.[illegible]

If wanted by parcel post, add 10c. each for postage.

THE MISTO BOTTLE SPRAYER



An ideal sprayer for applying various insecticides to house plants. Makes a fine mist, avoiding all drip; so simple in design it will last forever; nothing to get out of order; made of metal, nicely nickeled; can be used in connection with most any ordinary bottle. Guaranteed in every respect or money back. Price, without bottle, $1.10 (by parcel post, $1.20).



SULPHUR BLOWER

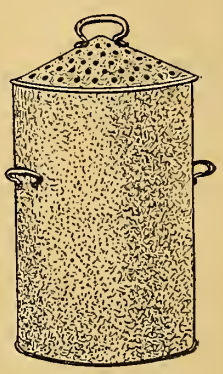
For distributing sulphur and insecticides of various kinds. Made of heavy metal with no wearout to it. A man can dust a very large house in a few minutes by using one of these blowers. Price, $8.00 (by P. P., $8.50).

VAPORIZING LAMP

Practical and indestructible; all metal; burns kerosene; used for dispensing fumes of Nikoteen and other preparations of this sort. 75c. each (by P. P., 85c).



Vaporizing Lamp



Perfection Fumigator

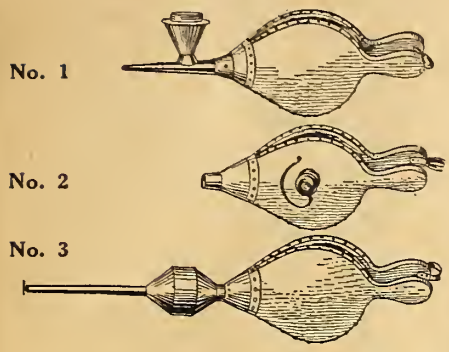
FUMIGATORS

Perfection Make

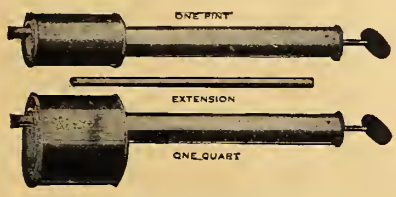
Fitted with a water tank to prevent burning out.

No. 1 for house 12 x 40 ft.	$7.50
No. 2 for house 14 x 100 ft.	9.50
No. 3 for house 20 x 100 ft.	11.50
No. 5 for house 20 x 150 ft.	17.50

WOODASON HAND BELLOWS



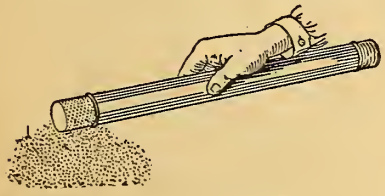
		Price By P.P.
No. 3.	Large double cone....$6.75	$7.10
	Large single cone..... 4.75	5.00
No. 1.	Small single cone..... 3.25	3.50
No. 2.	Sulphur bellows..... 4.00	4.25



"DUSTER BROWN" POWDER DUSTER

A very practical duster of new design; it is of simple construction and works on a new principle recently discovered; made in two sizes, pint and quart. It is of sufficient length to enable the operator to spray ordinary field crops without bending over. For spraying dry insecticides, such as Arsenate of Lead, Bordeaux Mixture, Bug Death, Paris Green, Hellebore, Slug Shot, etc., on small garden plots, rose bushes, or in any place where the various dry powders is to be applied in small quantities.

		Each	By P.P.
No. 2B.	Capacity 1 pint.....$1.00		$1.15
No. 2C.	Capacity 1 quart.... 1.25		1.40



DICKEY DUSTER

Excellent for distributing Bug Death, Slug Shot, etc. Price, 50c. (by P. P., 60c.).



WHIRLWIND POWDER GUN

For distributing dry powder. 35c. each (by P. P., 40c.).



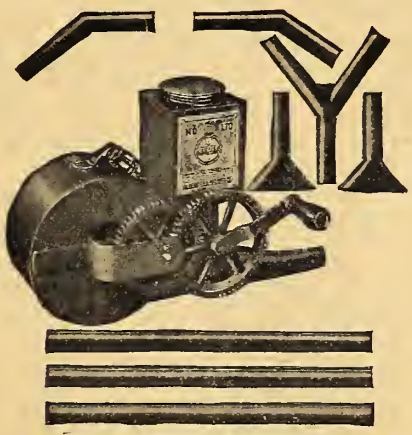
Double Action Duster

VERMOREL DUSTER

The flow being intermittent, this type is commonly called a "puffer"; for general use it is most serviceable. Capacity, 6 quarts, dry measure. For dusting sulphur or sulphur and arsenate mixtures, arsenate of lead, bordeaux mixtures, lime, etc. Simple in construction, easy to operate, efficient in its work.

Single Action. This being of the bellows type has no wheels, cogs, belts or other complicated mechanism that would be likely to wear. Equipped with fine and coarse screens, also strap for carrying. Price, $15.00 (by P. P., $15.50).

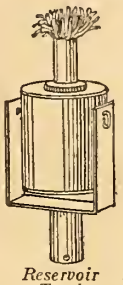
Double Action. The flow from this type being continuous, it is better adapted for certain work, especially where growth is thick. Price, $22.00 (by P. P., $22.50).



UTILITY DUSTER

Used for the application (in dry form) of Arsenate of Lead, Paris Green, etc. Made of heavy tin, enameled red; iron and brass machined gears. Provided with tubes, connections and nozzles as illustrated; also an adjustable carrying strap. Price, $10.00 (by P. P., $10.50).

TORCHES



Reservoir Torch

For burning out worms, caterpillars and other tree pests. Reservoir, 50c. (by P. P., 60c.).



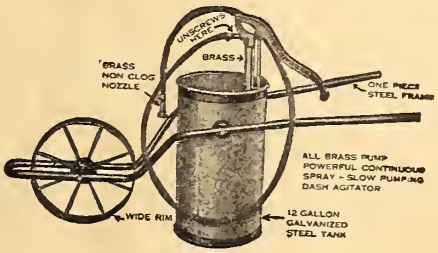
Asbestos, 50c. (by P. P., 60c.).

Asbestos Torch

POLES FOR TORCHES, ETC.

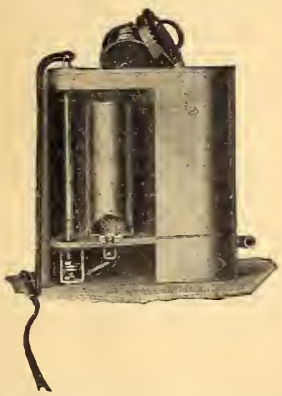
Hardwood, 12 ft., $2.75; 14 feet, heavy, $3.00. Bamboo, 12 feet, 50c. Poles are not mailable.

	Each	Doz.	100
Bamboo 16 feet long..	$0.25	$2.50	$15.00
Bamboo 18 feet long..	.35	3.25	22.00
Bamboo 20 feet long..	.45	4.00	27.50



No. 50 WHEELBARROW SPRAYER

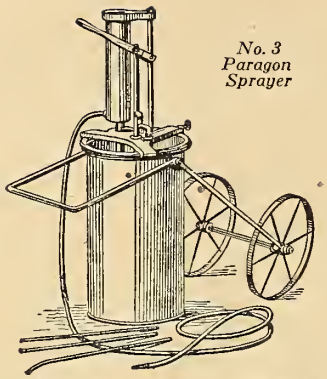
Adapted for spraying vegetable crops, flowers, vineyards, orchards, etc.; also for spraying disinfectants or whitewash in poultry houses or other buildings. Steel frame made in one piece; heavy galvanized tank; all brass pump; 8 feet of hose; all working parts brass; double action; continuous spray. The pump may be easily detached from the tank and the tank with wheel and frame may be used for wheeling water. Price, $15.00.



DEMING SPRA-RITE KNAPSACK SPRAYER

Fig. 1002. These are very convenient for carrying around the garden, among shrubbery, trees, etc. Cast bronze plunger pump, solid brass ball valve; of easy operation; tank capacity four gallons; strainer for filling. Equipped with 3 feet of ⅜-inch hose, automatic shut-off and "Eureka" nozzle; weight 30 lbs. Price, galvanized, $20.00 (by P. P., $20.50); brass, $25.00 (by P. P., $25.50).

MICHELL'S SPRAYING APPARATUS



No. 3 Paragon Sprayer

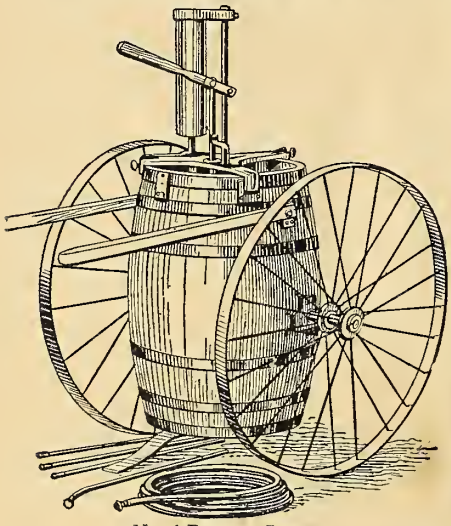
THE PARAGON SPRAYER

Especially desirable for the reason that it is not necessary to strain the material before pouring it into the reservoir, although we recommend that this be done; guaranteed to give absolute satisfaction. Excellent for applying whitewash or paint.

No. 0. Capacity, 3 gallons; equipped with 4 ft. of hose, one 3 ft. extension pipe and 2 spray nozzles. Price, $12.50.

No. 1. With a 5-gal. reservoir, 5 ft. of hose and 2 extension pipes, $17.50.

No. 3. Equipped with a 12-gal. tank mounted on a truck, three 2½ ft. extension pipes, 2 nozzles and 10 ft. of hose, $25.00. Without truck, $21.50. We can also supply this sprayer with single wheel at same price.



No. 4 Paragon Sprayer

No. 4. Mounted on a two-wheel truck; equipped with 10 ft. of extension pipe, 20 ft. of hose and 2 nozzles; 25 gal. barrel, complete, $39.50.

No. 5. Capacity of barrel 50 gallons, equipped with 25 ft. 6-ply hose, 1 10-ft. iron extension pipe, 1 3-way nozzle and 1 single spray nozzle, no truck, $45.00.

Bucket Washers for Paragon Sprayers, 30c.

Fittings for Paragon Sprayers

No.		Price
E85.	2-way Spray	$2.50
B35.	Extension Pipes	.60
E86.	Y Fitting	1.00
B 7.	Hose Coupling, complete	1.10
B18.	Strainer	1.25
B10.	Female Hose Coupling	.70
B20.	Stop-Cock	1.00
B24A.	Mist Spray Nozzle with S. and B.	.90
B22.	Brass Hose Bands.....each	.10

We can also supply other fittings for above Sprayers.

GOULD'S FRUITALL BARREL PUMP. Fig. 1188

A high-grade pump at an attractive price, within the reach of every one who has need for such a pump. Extremely simple in design and a serviceable and reliable sprayer. 2 in. diameter cylinder; bronze wearing parts. Plain pump, no hose, nozzle or barrel, $12.00.

Outfit C.—With agitator, one 15 ft. lead of ½ in. spray hose and one Mistry Jr. nozzle (no barrel), $18.00.

Outfit D.—With agitator, two 15 ft. leads of ½ in. spray hose and two Mistry Jr. nozzles (no barrel), $24.50.

Barrels for holding spray solution, 50 gal. capacity, $7.00 each.



GOULD'S POMONA BARREL PUMP. Fig. 1744

Of large capacity and powerful with long adjustable leverage. Can be used for feeding one or two leads of hose; all working parts are bronze, with lasting qualities. Plain pump, 2½ in. diam. cylinder only, $22.00.

Outfit C.—With one 15 ft. section ½ in. spray hose and one Mistry Jr. nozzle (no barrel), $27.50.

Outfit D.—With two 15 ft. sections ½ in. spray hose and two Mistry Jr. nozzles, $33.50.

Barrels for holding spray solution, 50 gal. capacity, $7.00 each.



JIM DANDY HAND SPRAYER

Adapted for spraying vegetables and flowers, small fruits, etc.; also valuable for spraying disinfectants in buildings. Price, $3.50 (by P. P., $3.70).



AUTO SPRAY

This operates by compressed air; safe and efficient; liquid capacity four gallons; pressure capacity, 40 lbs. They will successfully spray bushes, shrubbery and trees, the latter with the use of extension pipes. The brass tank sprayer is the best as corrosive solutions can be used in it without injuring the same.

No. 1-B.—**Brass;** equipped with hose and Auto-Pop Attachment, $9.00 (by P. P., $9.35).

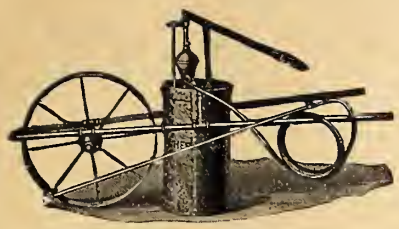
No. 1-D.—**Galvanized Iron;** equipped with hose and Auto-Pop, $6.00 (by P. P., $6.35).

Auto-Pop Nozzle Attachment; controls the flow instantly by a pressure of the hand. When Auto-Pop Attachment is purchased separately: Plain, $2.00 each (by P. P., $2.10); $2.50 complete with hose (by P. P., $2.60).



VERMOREL KNAPSACK SPRAYER

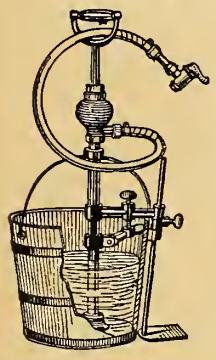
A new copper knapsack sprayer which works on a compressed air principle. Compact in construction and light in weight, so that it can be easily carried around. We will sell this sprayer under the condition that if it is not satisfactory it may be returned at our expense. Price, $20.00 (by P. P., $20.50).



DEMING WHEELBARROW SPRAYER

A machine that is nicely balanced and easily transported. Extreme width 18 inches, narrow enough to go through the aisles of a greenhouse; 24 in. wheel with a 3-inch tread, making it easily handled over soft and rough ground. Pump has 1½ in. diam. cylinder, with adjustable stroke. Equipped with 12-gal. galvanized tank, 10 ft. of hose, 4 ft. extension pole, nozzle and shut off valve. Price, $33.50.

BUCKET SPRAY PUMP

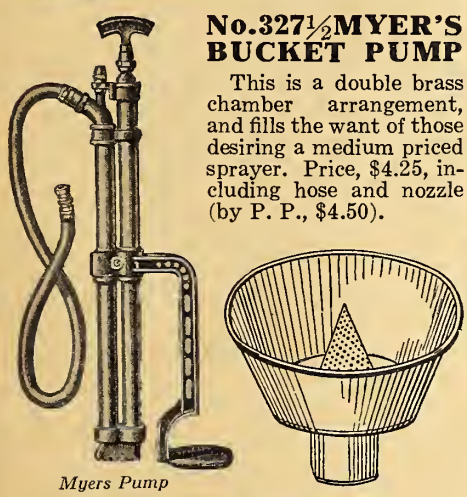


These are made entirely of brass, except the foot rest and hand grip. The prices below do not include bucket, but include nozzle and 3½ feet of ⅜-in. hose.

No. 256. **Success** (without bucket fastener), $7.50 (by P. P., $8.00).

No. 689. **Perfect Success** (with bucket fastener), $8.25 (by P. P., $8.75).

No. 327½ MYER'S BUCKET PUMP



This is a double brass chamber arrangement, and fills the want of those desiring a medium priced sprayer. Price, $4.25, including hose and nozzle (by P. P., $4.50).

Myers Pump

BRASS STRAINER

For straining whitewash, spraying material, etc., $1.50 each (by P. P., $1.65).



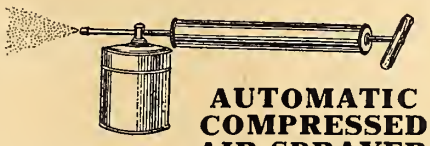
HEAVY BRASS SYRINGES

No.	Diam.	Length	Price	By P.P.
99.	1½ in.	18 in. 1 spray...	$3.75	$4.00
101.	1¼ in.	14 in. 2 sprays..	4.25	4.50
101A.	1½ in.	16 in. 2 sprays..	5.00	5.25
110.	1¾ in.	20 in. 2 sprays..	10.00	
120.	1¾ in.	20 in. Adjustable.	10.50	



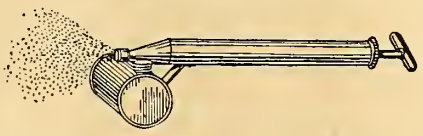
AUTO SPRAY PUMP No. 5

A high pressure yet light and durable sprayer made entirely of brass. Double acting, producing a continuous spray and will generate a pressure of 180 pounds per square inch. Price, $4.50 each.



AUTOMATIC COMPRESSED AIR SPRAYER

This is the best hand sprayer ever offered; very easily operated, especially preferred by the ladies.
Tin. Each, $1.00 (by P. P., $1.20).
Brass. Each, $2.00 (by P. P., $2.20).



CYCLONE HAND SPRAYER

Similar to the above, except they do not have the automatic air reservoir attachment.
No. 112, Tin, large, 50c. (by P. P., 60c.).



EXTENSION PIPES, ETC.

For reaching into trees; ⅜-inch threads.

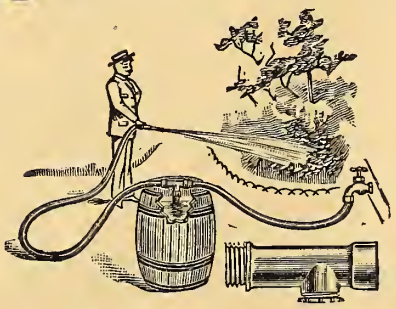
Bamboo, aluminum tube; 10 feet.....$4.50

Bamboo, aluminum tube; 12 feet..... 4.75

Brass, 2 ft. (by P. P., 75c.).... .65

Pet Cock, for extension pipes..1.25

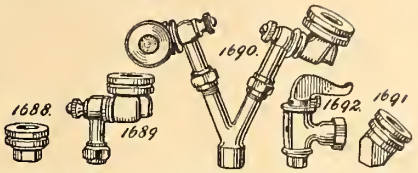
Paragon Extensions, 2½ ft., 60c. each (by P. P., 70c.).



LIQUID MANURE DISTRIBUTOR

This can be attached to hose with which you are watering and connected with a barrel of liquid manure, the suction of water will draw a quantity of manure with it. $2.75 each (by P. P., $2.85).

A complete line of Insect Destroyers will be found on pages 180 and 181.



SPRAY NOZZLES (⅜-in. Thread)

If nozzles are wanted by P. P., add 10c. each for postage.

Mistry, Jr., Fig. 1688, Straight style..$1.25

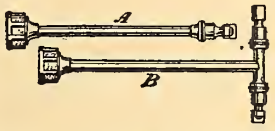
Mistry, Jr., Fig. 1691, Elbow style.... 1.25

Mistry, Fig. 1689, Single nozzle, adjustable angle..... 1.65

Mistry, Fig. 1690, Double nozzle, adjustable angle..... 3.50

Bordeaux Nozzle, Fig. 1692, each.... 1.50

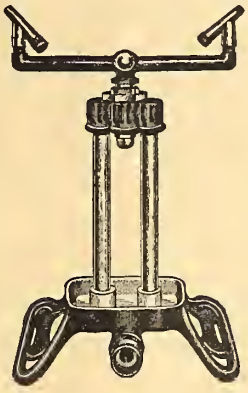
If nozzles are wanted for ¾-in. hose connections, add 70c. to above prices for Fig. 966 combination.



STOTT'S SPRAY NOZZLES

Splendid for spraying underneath foliage.

		By P. P.
A-Single	$1.65	$1.75
B-Double	2.75	2.85



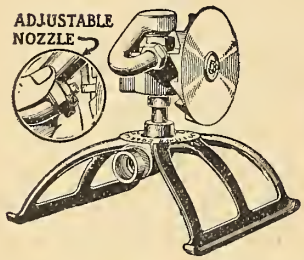
MAJESTIC RAIN KING SPRINKLER

A Remarkable New Lawn Sprinkler

Majestic Rain King is both efficient and beautiful. Handsome brass columns and fittings, bright green base and white Bird Bath make it an appropriate and practical watering ornament for any lawn or garden.

Efficient to keep your lawn and garden fresh and green. Waters the largest lawns or the smallest corners, strips and odd-shaped places. Every conceivable spray—gentle mist, soaking downpour or light shower. Sets for either stationary or whirling spray.

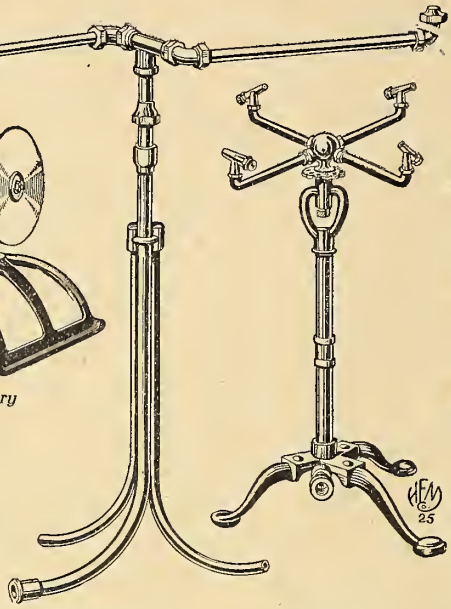
Majestic B. Height, 24 in. Price, $12.00 (by parcel post, $12.30).



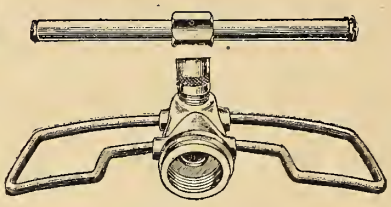
Double Rotary



C. B. G.



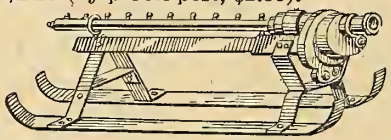
Raining No. A *Giant Rain King*



Rainbow

RAINBOW

Sled style, for regular lawns. Price, $2.25 (by parcel post, $2.35).



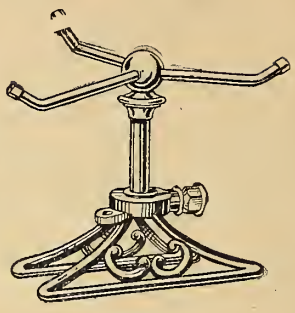
Water Fan

WATER FAN

(Oscillating)

No. 6, covers an area 14 by 50 feet; 22 inches long. Price, $15.00 (by parcel post, $15.50).

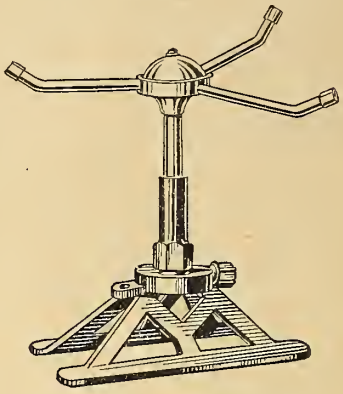
No. 8. Covers an area 24 by 50 feet; 22 inches long. Price, $18.00 (by parcel post, $18.50).



Pluvius

PLUVIUS

Height, 11 inches. Price, $1.75 (by parcel post, $1.95).



Universal

UNIVERSAL

Height, 11 inches. Price, $2.75 (by parcel post, $2.95).

C. B. G.

Especially for putting greens; 4 inches high. Price, 40c. (by parcel post 50c.).

DOUBLE ROTARY

A favorite with country clubs, for watering putting greens; covers a radius of 15 to 40 feet. Price, $12.50 (by parcel post, $13.00).

RAINING

No. B. For golf courses, putting greens, etc.; 66 inches high, on tripod. Price, $17.00.

No. A. For golf courses, putting greens, etc.; 42 inches high, adjustable stand. Price, $13.00 (by parcel post, $13.50).

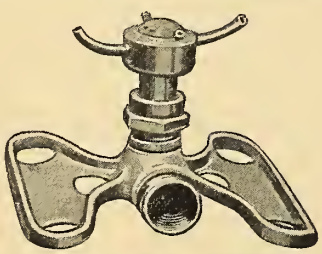
No. C. For golf courses, putting greens, etc.; 36 inches high, on stand. Price, $11.00 (by parcel post, $11.50).

No. D. For golf courses, putting greens, etc.; 18 in. high. Price, $8.00 (by parcel post, $8.25).



ADJUSTABLE RAIN-DROP

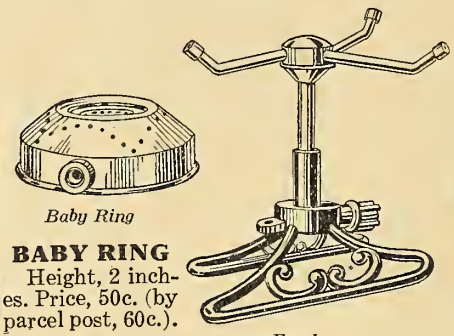
Will throw the water away from the walk while wetting the curb or lawn; will throw water to a distant point and also spread the water 20 to 30 feet, according to the water pressure. Price, $1.50 (by parcel post, $1.60).



No. 10 Rotary Automatic

GIANT RAIN KING

Finished in green enamel with brass fittings; can be set for revolving or stationary sprinkling; will water a circle from 90 feet in diameter down as required; 4 feet high; 20 inch sprinkler arms. Price, $12.50.



Eureka

Baby Ring

BABY RING

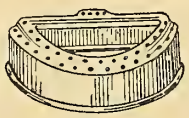
Height, 2 inches. Price, 50c. (by parcel post, 60c.).

EUREKA

Height, 10 inches. Price, $2.25 (by parcel post, $2.40).

CRESCENT

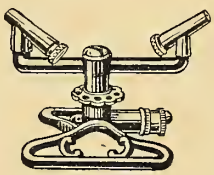
Height, 2 inches. Price, 85c. (by parcel post, 95c.).



Crescent

RAIN KING

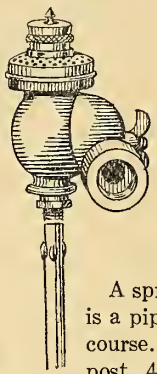
Waters a small or large circle, 8 to 80 feet in diameter; nozzles turn in any direction and adjust quickly to a fine or coarse spray. Price, $3.50 (by parcel post, $3.75).



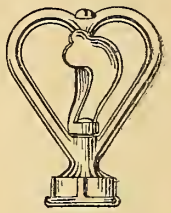
Rain King

ROTARY AUTOMATIC

This is a well built sprinkler which will cover about the same area as the Rain King; fitted with ball-bearings. Price, $4.00 (by parcel post, $4.25). See illustration at left.



2-Purpose



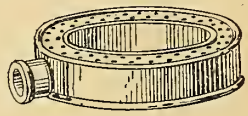
Blake

BLAKE

A sprinkler head used where there is a pipe system on the lawn or golf course. Price, 40c. each (by parcel post, 45c.); doz., $4.50 (by parcel post, $4.65).

TWO PURPOSE

A nozzle and sprinkler combined. Adapted to lawns or gardens of any size. Price, $2.00 (by parcel post, $2.10).



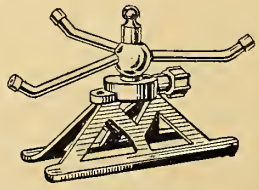
Large Ring

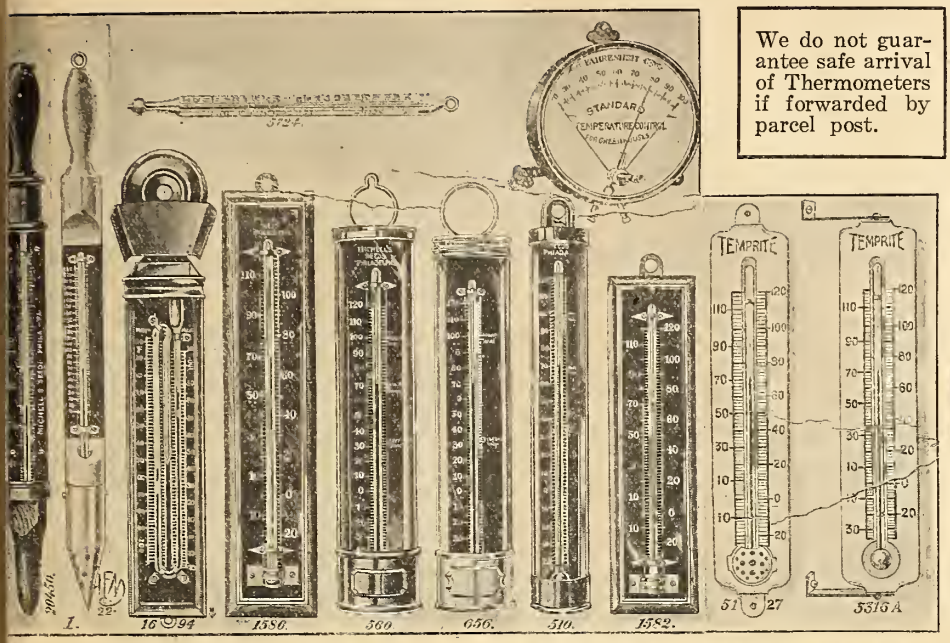
LARGE RING

Height, 2 inches. Price, 90c. (by parcel post, $1.00).

PRESTON

Height, 6½ inches. Price, $2.00 (by parcel post, $2.20).





We do not guarantee safe arrival of Thermometers if forwarded by parcel post.

THERMOMETERS

No. 1753 (Old No. 1694). **Maximum and Minimum.** Registers the coldest and the warmest point during the previous night. 10 in., black tin case. Price, $5.00 (by P. P., $5.25).

TESTED THERMOMETERS

If wanted by Parcel Post, add 10c. each for postage.

	Each
No. 506— 8 inch, Tin Case	$0.85
No. 510—10 inch, Tin Case	1.00
No. 556— 8 inch, Greenhouse	1.00
No. 560—10 inch, Greenhouse	1.25
No. 652— 8 inch, Genuine Copper Case	2.00
No. 656—10 inch, Genuine Copper Case	2.25
No. 1582—8 inch, Wood Back, Black Scale	2.00
No. 1586—10 inch, Wood Back, Black Scale	2.25
No. 5127—8 inch, Temprite Greenhouse; white enamel, red column (by P. P., $1.40).	1.25
No. 5316A—8 inch, Temprite Window or wall, white enamel, red column (by P. P., $1.15)	1.00

GLASS DAIRY THERMOMETER

No. 5724. For testing milk, etc., also used for soil purposes. 25c. each (by P. P., 35c.).

MUSHROOM OR HOTBED THERMOMETER

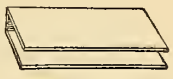
No. 20450. Iron Point, oxidized finish, each, $2.25 (by P. P., $2.45).

RECORDING THERMOMETER

No. 200. This type of thermometer which can be equipped with either a daily or weekly chart enables one to keep an accurate record of the temperature in his greenhouse during every hour of the day and night; the thermometer is equipped with a high grade clock and ink stylus which marks very accurately. It is an ideal installation; in ordering state if weekly or daily record chart is desired. Price, $45.00 by express.

ELECTRIC THERMOSTAT

This device can be set to ring an alarm when the temperature goes above or drops below a desired point. All brass. No. GH3, not waterproof style, $11.50 (by P. P., $12.00). No. GH4, waterproof style, $17.50 (by P. P., $18.00). See illustration above.



PEERLESS GLASS REPAIR CLAMP

For supporting broken lights of glass. Will not rust. Price, $1.75 per 100 (by P. P., $1.85).



GLASS CUTTERS

If wanted by Parcel Post, add 10c. each, for postage.

Single Wheel, steel, each	$0.15
6 Wheel, steel, each	.40
No. 8 **Small Diamond.** Ebony handle	5.00
No. 8A **Large Diamond.** Mahogany handle	6.00

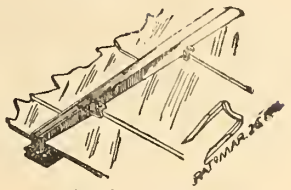
LIQUID GLAZING PUTTY

Superior to ordinary putty, more easily applied and lasting. Can be put on with a putty bulb or mastica machine.

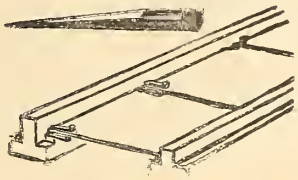
Especially adapted for glazing wood and metal sash. Per gal., $2.50.

MASTICOTE GLAZING CEMENT

Black. Apply with a mastica machine. Per gal., $1.75.



Peerless Glazing Point



Siebert's Glazing Point

GLAZING POINTS

Peerless. Three sizes.
No. 1, for single thick glass.
No. 2, for single thick glass.
No. 2½, for double thick glass.
Price, 65c. per 1000 (by P. P., 75c.).

Pincers. For driving Peerless Points, 60c. (by P. P., 70c.).

Siebert Style (*Zinc*). Made with a prominent head; cannot rust; easily driven. ⅝, ⅞ and 7/8 inches long. 50c. per lb. (by P. P., 60c.); 5 lbs., $2.40 (by P. P., $2.60). 1000 to 1200 in a lb.

Zinc Glazing Nails. 45c. per lb. (by P. P., 55c.).

MASTICA

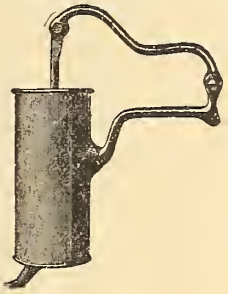
For glazing greenhouses. One gallon will cover about 300 running feet. Gal., $2.50.

GREENHOUSE PAINT

A superior white paint for sash bars, sash frames, etc. Per gal., $4.05.

PUTTY DISTRIBUTOR

For distributing putty, mastica, etc. Price, $1.75 (by P. P., $1.90).



Mastica Machine



Putty Distributor

MASTICA MACHINE

For distributing mastica, etc. Made of heavy zinc. Price, $3.00 (by P. P., $3.15).

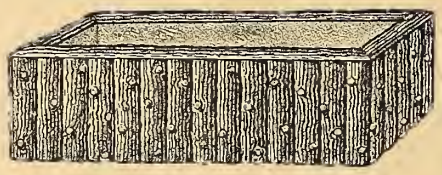
WEATHERCRAFT GLAZING GUN

For applying liquid glazing putty, mastica, etc., each, $8.00 (by P. P., $8.25).

DAYLIGHT GLASS CLEANER

For taking off whitewash shading, etc. Apply with a brush, leave on a few minutes and rinse off with cold water. One gallon will clean 400 to 600 square feet of glass. Per gal., $2.50; $10.00 per 5 gals.

RUSTIC FURNITURE, WINDOW AND PORCH BOXES, ETC.



Rustic Window Box

WINDOW BOXES

Plain Wood Style (Painted Green). We recommend these for use at the temporary summer home in the country or at the seashore, or in cases where one may not feel like spending a larger cost than these entail. They are substantially made and finished and will last many years.

Length	Depth outside	Width outside	Price
24-inch	6½-inch	8-inch	$1.50
30-inch	6½-inch	8-inch	1.75
36-inch	6½-inch	8-inch	2.00

Any length made to order, 80c. per running foot, 8 inches wide.

RUSTIC BARK (Cedar)

For covering boxes, columns or any other article. Per sq. ft., 15c.; $2.75 per 25 sq. ft.; 50 sq. ft., $5.00.

BIRCH BARK

Per lb., 50c.; $4.50 per 10 lbs.

PERFECTO FLOWER BOXES

Air-Circulating, Self-Irrigating

Made of coppered steel, which will neither rust nor deteriorate; finished in enameled green. The self-irrigating system provided by the inner plate, with the raised connecting troughs, equalizes the water into a perfect distribution to the roots.

Length	Depth	Width	Price
26-inch	6-inch	7-inch	$2.25
32-inch	6-inch	7-inch	2.65
38-inch	6-inch	7-inch	3.15
44-inch	6-inch	7-inch	3.65

WINDOW BOXES

Wooden Rustic Bark Style. Attractively made and neatly finished; for indoor or outdoor use.

Length	Depth outside	Width outside	Price
24-inch	7½-inch	11-inch	$1.75
30-inch	7½-inch	11-inch	2.25
36-inch	7½-inch	11-inch	2.50

Any length made to order, $1.00 per running foot, 11 inches wide.



Perfecto Flower Box

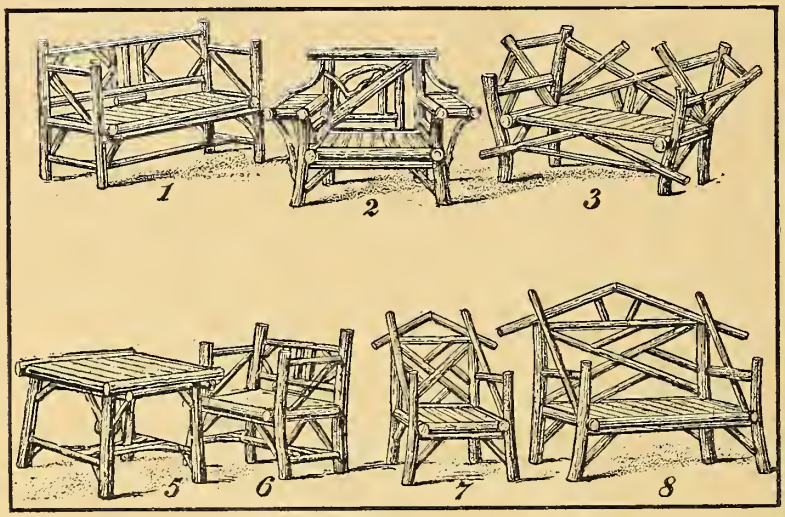
WINDOW BOXES

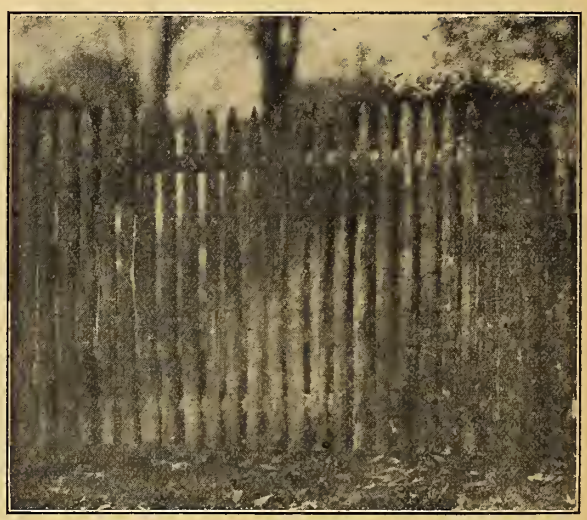
Savo Self-Watering

The Savo Flower and Plant Boxes are made of the best grade of galvanized steel, with neat round corners and a full roll rim; watering easy, drainage ample, air circulation perfect. The green enamel finish both inside and out prevents rust or leakage. Reservoir requires water about every 10 days to two weeks.

	Height	Width	Length	Price
Model A,	6½ in.	6½ in.	23 in.	$3.25
Model B,	8 in.	9½ in.	29 in.	4.00
Model C,	8 in.	9½ in.	35 in.	4.50
Model D,	8 in.	9½ in.	41 in.	5.00

These are outside measurements, including the ¾-inch roll rim.





RUSTIC PORCH AND GARDEN FURNITURE

A rustic chair, settee, table or canopy add charm to the surroundings of a country home, be it pretentious or modest. Our stock is in good assortment and priced very moderately. We are also in position to make special designs of rustic work, such as summer houses, bridges, etc.

No. 1. **Mission Settee.** 4 ft. long, similar in design and construction to "Klondyke," except it does not have the extended arms. Price, $11.00.

No. 2. **Klondyke Chair.** Width, 48 inches, including arms; very roomy and comfortable. Price, $7.00.

No. 3. **Florida Settee.** 4 ft. long; similar to "Elwood" style, except there is a difference in the design of the back. Price, $5.00.

No. 5. **Mission Table.** A table will be found a great convenience in a summer house, on a porch or under the shade of a tree; the top is 28 x 28 inches. Price, $8.50.

No. 6. **Mission Chair.** To match settee of same name. Price, $7.00.

No. 7. **Elwood Chair.** To match settee of same name. Price, $3.00.

No. 8. **Elwood Settee.** 4 ft. long; made with a high back and apex finish; extra good value for the money. Price, $5:00.

No. 10. **Klondyke Settee.** To match chair of same name. Price, $11.00.

PICKET FENCING

Design 300. An artistic Picket Fence is the best general purpose fence, as proven by its continual use, from early colonial days down to the present time.

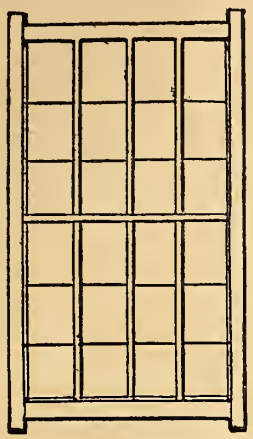
The pickets are made from peeled cedar poles, 2 to 2½ inches in diameter, sawed lengthwise. The half poles in this design have three different spacings, distance between pickets, ¾ inch, 2 inch and 4 inch. This popular fencing is built in several heights, 3 ft., 4 ft., 5 ft. and 6 ft. 4 in.

Prices per foot

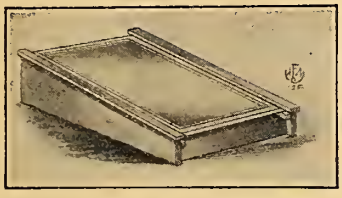
	¾ in. spacing	2 in. spacing	4 in. spacing
3 ft. long	No. 303. $0.85	No. 323. $0.70	No. 343. $0.65
4 ft. long	No. 304. .90	No. 324. .75	No. 344. .68
5 ft. long	No. 305. 1.10	No. 325. .95	No. 345. .87
6 ft. 4 in. long	No. 3064. 1.20	No. 3264. 1.05	No. 3464. .95

Prices f. o. b. factory in Michigan.
Many other styles can be furnished if desired.

HOT BED SASH



Philadelphia Style. Made of best quality cypress. Size, 3 feet 1½ inches wide, 6 feet long, 1¾ inches thick. Plain, not glazed or painted. Each, $4.25. Glazed, including prime coat of paint and puttying. Each, $8.00.



CEL-O-GLASS

The real glass substitute for poultry houses, chicken coops, barns, etc., also takes the place of glass in hot-bed sash. 36 inches wide in any length up to 100 feet. 60c. per running foot. Full rolls at 54c. per running foot.

FLEX-O-GLASS

A glazed cloth used in place of glass in poultry houses, hot-beds, greenhouses, etc Transparent and readily admits slight, while at the same time withholding cold, water and wind; 35½ inches wide.

Less than 10 yd. pieces	50c. per yd.
10-yd. pieces	45c. " "
25 yds. or more	40c. " "
Full roll lots (100 yds.)	35c. " "

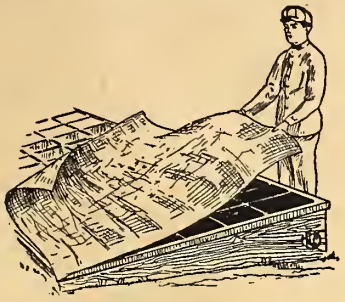
SHADING OR PROTECTING CLOTH

Largely used as a substitute for glass where protection is desired. It is admirable for summer use, protecting plants, etc., from the sun and at the same time allowing ventilation. Made of brown cloth.

	Yards Per piece	Price Per yard	Price Per piece
Light	60	$0.20	$11.40
Medium	50	.25	12.00
Heavy	40	.35	13.20

JONES' POT BRACKET

No. 1. Holds 5-inch pot. Each, 60c. (by P. P., 70c.).
No. 2. Holds 6-inch pot. Each, 70c. (by P. P., 80c.).
No. 3. Holds 7-inch pot. Each, 85c. (by P. P., 95c.).



HOTBED MATS

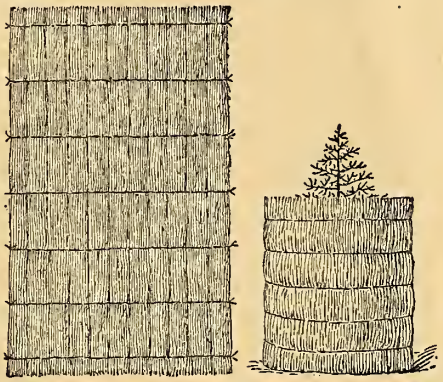
Hotbed mats keep frost and severe cold out of frames. They mean earlier and bigger crops. The Burlap style are the best mats that it is possible to procure. They are padded with shoddy and are practically indestructible.

Burlap, Non Waterproof. 76 x 76 inches, covering two regular size sash. Each, $3.50; $37.50 per doz.

Burlap, Non Waterproof. 40 x 76 inches, for one sash. Each, $2.25; $23.50 per doz.

Burlap one side, **Waterproof Drill** one side. 76 x 76 inches. $5.25 each; doz., $57.50.

Burlap one side, **Waterproof Drill** one side, 40 x 76 inches. $3.25 each; doz., $33.00. Special sizes of the above mats made to order. Prices on application.



STRAW MATS

	Each
Straw Mats. 3 x 6 feet, for hotbeds.	$2.25
Straw Mats. 6 x 6 feet, for hotbeds.	3.50

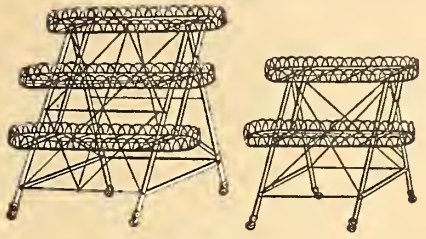
Straw Mats, for windbreaks and evergreen protectors; any size made to order, 20c. per sq. ft.



JARDIERS

The new water proof pot cover, or flower holder; a distinct novelty. Made of pulp fibre, in attractive designs; artistic, waterproof and durable; colors: Green, Lavender, Ivory and Golden Yellow. Can be used as vases or jardinieres.

No.	Each	Doz.
4—for 3½ to 4 in. pots	$0.25	$2.75
6—for 5 to 6 in. pots	.35	4.00



Jones' Plant Stands

WIRE PLANT STANDS

Painted dark green and finished in bronze. Very substantial and will carry most any weight that can be placed on them. We recommend the Jones style, as it is collapsible and takes up very little space when not in use.

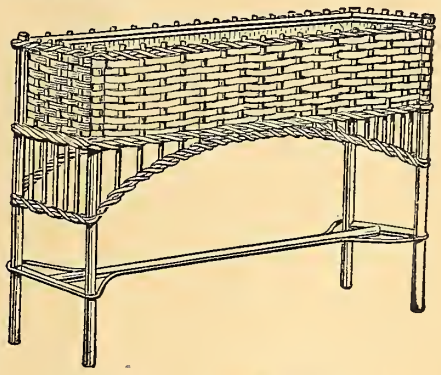
	Height	Width	Depth	Price
Jones, 2 shelf	28-in.	30-in.	21-in.	$5.00
Jones, 3 shelf	36-in.	30-in.	22-in.	6.00



IRON PLANT STANDS

Enameled green

In.	Size of Plates	Each
12	5 x 7	$1.50
18	5 x 7	2.00
24	8 x 10½	2.50
30	8 x 10½	3.00
36	8 x 10½	3.25
42	8 x 10½	3.30
48	8 x 12	3.50
60	8 x 12	3.60
72	8 x 12	4.25



WICKER FERNERIES

Finished in two-tone, with metal liners complete.

No. 24. Top dimensions, 8 x 24 inches, 30 inches high. Price, $4.50.

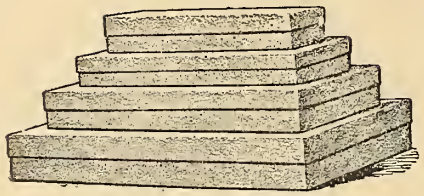
No. 30. Top dimensions, 8 x 30 inches, 30 inches high. Price, $5.50.

JARDIER VASE

Most practical vase made; unbreakable waterproof; made of laminated cellulite; beautiful green and ivory tones. 35c. each; doz., $3.50.



Jardier Vase



CUT FLOWER BOXES
CORRUGATED PAPER

These are desirable for shipping cut flowers from country estates to city residences; very durable.

	Each	Doz.
48 x 14 x 8 inch	$0.65	$6.50
42 x 14 x 8 inch	.60	6.00
36 x 14 x 6 inch	.55	5.50
30 x 12 x 6 inch	.45	4.50
24 x 8 x 5 inch	.40	4.00

LIGHT WEIGHT PAPER

Mist green, lined white inside. The sizes offered in this finish are carried in stock; other sizes in this finish, also in manila, mist tan and oxford gray can be supplied on short notice.

L. W. D.	Doz.	100
18 x 5 x 3 inch	$0.70	$4.40
24 x 5 x 3½ inch	1.10	7.00
24 x 8 x 4 inch	1.30	8.80
28 x 8 x 5 inch	2.00	12.20
30 x 10 x 6 inch	2.25	16.50
30 x 12 x 7 inch	3.00	21.00
36 x 8 x 5 inch	2.25	16.50

We can also supply other sizes and styles of boxes.

PAPER FOR WRAPPING BOXES AND FLOWERS

	Lb.	½ Rm.	Rm.
Manila. For wrapping	$0.20	$2.25	$4.00
Manila. Tissue	.20	1.00	1.75
Wax. White, 24 x 36 in.	.35	1.65	3.00
Wax. Green, 24 x 36 in.	.40	1.75	3.25

CREPE PAPER
(Waterproof)

Colors, moss green, nile green, red, blue, pink, yellow, purple, lavender, and white. 50c. per roll (by parcel post, 55c.).

ROOFING PAPER, ETC.

	Sq. ft.	Per roll
Celery paper	500	$2.00
Marley Rubber Roofing, 1-ply.	108	2.50
Marley Rubber Roofing, 2-ply.	108	3.30
Marley Rubber Roofing, 3-ply.	108	3.50

Caps for paper. 1 lb., 12c. (by parcel post, 22c.); 5 lbs., 55c. (by parcel post, 75c.).
Nails for paper. 1 lb., 12c. (by parcel post, 22c.); 5 lbs., 55c. (by parcel post, 75c.).

POT HANGERS

	Each	Doz.
Krick's No. 1. For 3- to 5-in. pots	$0.07	$0.60
Krick's No. 2. For 6- and 7-in. pots	.08	.70
Krick's No. 3. For 8- to 10-in. pots	.09	.80

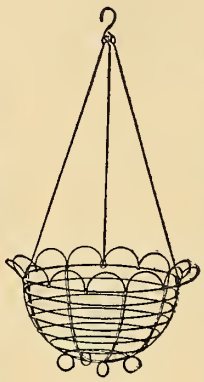
If above wanted by parcel post, add 5c. per doz. for postage.
Eureka. Suitable for any size pot up to 8 inches. Made of galvanized wire. 15 inches long. 15c. each (by P. P., 20c.); $1.50 per doz. (by P. P., $1.70); $10.00 per 100.

BASKET HOOKS

Thoroughly galvanized so they cannot rust.

Single, $\frac{5}{16}$-in. thick $0.90
Double, $\frac{7}{16}$-in. thick 1.25

These cannot be mailed.



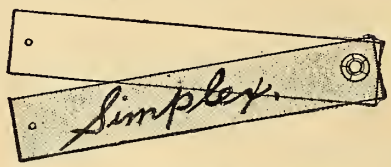
Wire Basket

HANGING BASKETS
Galvanized Wire

For greenhouse, porch and conservatory.

Size	Each	Doz.
8 in.	$0.30	$3.00
10 in.	.45	4.50
12 in.	.65	6.50
14 in.	.75	7.50
16 in.	.90	9.00

If wanted by P. P., add 10c. per basket or 50c. per doz. for postage.



SIMPLEX WEATHER-PROOF PLANT LABEL

The material carrying the writing is white celluloid with a specially prepared surface. This is protected by a transparent cover of mica. Marking done with an ordinary lead pencil is not affected by the most severe weather conditions and will last for years; water entering under the cover will not deface the writing. As often as desired, however the pencil marking may be instantly removed with an ordinary rubber eraser, or washed off with soap and water and the label used again repeatedly; indelible pencil or ink should not be used for marking. Simplex Weather-proof Labels are adapted for all outdoor garden records; excellent for roses and other shrubs.

Prices include copper wires for attaching.

Sizes	Doz.	100
No. 1—3x½ in.	$0.50	$3.00
No. 2—4x¾ in.	.85	5.00
No. 3—5x1 in.	1.10	7.00

If wanted by parcel post, add 5c. per doz.; 10c. per 100 for postage.



TREE LABELS

If wanted by parcel post, add 10c. per 100, 25c. per 1000 for postage.

	100	1000
Iron Wired. Plain	$0.35	$2.25
Iron Wired. Painted	.40	2.75
Copper Wired. Plain	.40	2.75
Copper Wired. Painted	.50	3.25

Copper Sheet, wired, 30c. doz.; per 100, $1.75.
Zinc Sheet, wired, 30c. doz.; per 100, $1.75
Indelible Marking Pencils. Each, 15c.

PAINTED POT LABELS

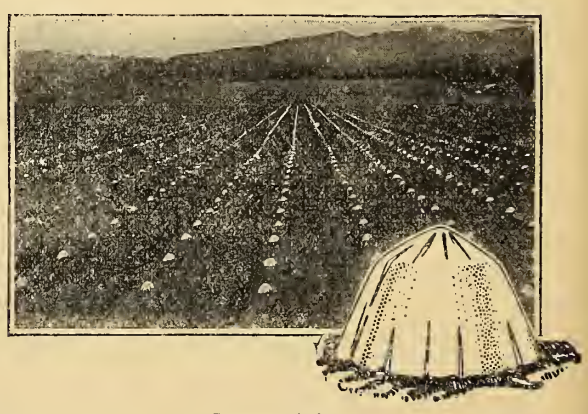
	100	By P. P. per 100	1000
4 inch	$0.35	$0.40	$2.25
4½ inch	.40	.45	2.75
5 inch	.45	.50	3.00
6 inch	.55	.65	3.50
8 inch	1.60	1.70	9.00
10 inch	1.75	1.90	11.00
12 inch	2.25	2.45	14.00
18 inch, for field use	5.00	5.25	45.00

GERMACO HOTKAPS

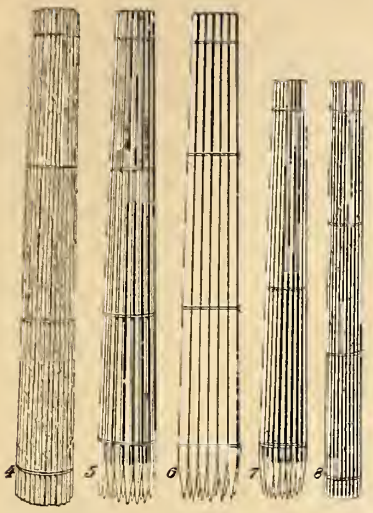
An individual hothouse for each and every plant; protects plants from frost and other elements; matures crops earlier; keeps insects out; keeps soil soft. Made of scientifically constructed wax paper.

Per 100 ..... $1.50
Per 1000 ..... 12.00

Germaco Hotkap Setters. For setting hotkaps accurately and quickly, $3.00 each.



Germaco Hotkap



Key to above illustration: No. 4, Japanese Cane, natural; No. 5, Dahlia; No. 6, Square; No. 7, Tapering; No. 8, Japanese Cane, green.

PLANT STAKES

No. 10, Steel Wire Galvanized

		Doz.	100	1000
2	foot	$0.25	$1.25	$8.10
2½	"	.30	1.60	9.70
3	"	.40	2.00	11.80
3½	"	.45	2.25	13.70
4	"	.50	2.50	15.90
4½	"	.55	2.75	17.70
5	"	.65	3.00	19.70
6	"	.85	3.50	21.60

No. 8, Steel Wire, Galvanized

For staking American Beauty and other strong-growing roses.

		Doz.	100	1000
2	foot	$0.30	$1.60	$11.40
2½	"	.40	2.00	14.20
3	"	.50	2.25	17.00
3½	"	.55	3.00	19.90
4	"	.60	3.25	22.70
4½	"	.65	3.50	25.50
5	"	.70	3.75	28.30
6	"	.95	4.75	34.00

GREEN PAINTED TAPERING PLANT STAKES

		Each	Doz.	100
1½	foot	$0.04	$0.35	$2.10
2	"	.06	.55	3.75
2½	"	.07	.75	5.50
3	"	.10	1.00	7.00
3½	"	.11	1.15	9.00
4	"	.13	1.40	10.50
5	"	.16	1.85	12.50

GREEN PAINTED ROSE OR DAHLIA STAKES

		Each	Doz.	100
3	foot	$0.13	$1.44	$11.00
4	"	.17	1.92	15.00
5	"	.22	2.50	19.00
6	"	.27	3.10	23.00

SQUARE PAINTED PLANT STAKES

		Each	Doz.	100
1½	foot	$0.04	$0.35	$2.10
2	"	.05	.55	3.25
2½	"	.07	.70	4.50
3	"	.11	1.08	7.50
4	"	.15	1.40	9.75
5	"	.20	2.00	14.00
6	"	.25	2.50	16.50

HYACINTH STAKES (Wood) Dyed Green

Used for staking hyacinths, tulips and slender plants.

	Doz.	100	1000
5 inch	$0.05	$0.25	$1.10
12 "	.07	.35	2.00
18 "	.10	.45	3.00

JAPANESE CANE STAKES

These are very attractive for all purposes of plant staking; thin and very strong.

Feet	Doz.	100	1000
1½ Green	$0.15	$0.75	$4.00
2 "	.20	1.00	6.00
2½ "	.25	1.25	7.00
3 "	.35	1.40	8.00
3½ "	.35	1.75	9.00
4 "	.40	2.00	10.00
5 "	.50	2.25	12.50
6 Natural	.40	2.00	12.50

CHINESE TONKIN BAMBOO STAKES

A heavy, substantial stake for Dahlias, Ivy, young trees, etc.

	Doz.	100
4 feet high, ⅜ inch diameter	$0.60	$3.50
6 feet high, ⅝ to ¾ inch diam	1.25	9.00

LIGHTNING WIRE STAKE TIE

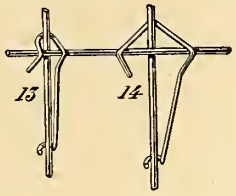


For fastening plants to stakes, either wire or wood; can be used many times.

1000 ties in pkg. Price, $2.50 (by P. P., $2.60).

STAKE FASTENERS

These take the place of string entirely, lasting several seasons; used for fastening cross wires to galvanized stakes.



	500	1000
Everlasting Style, heavy	$2.00	$3.50
Eureka Style, light	1.60	3.00

If wanted by Parcel Post, add 10c. per 500; 20c. per 1000 for postage.

BAMBOO POLES

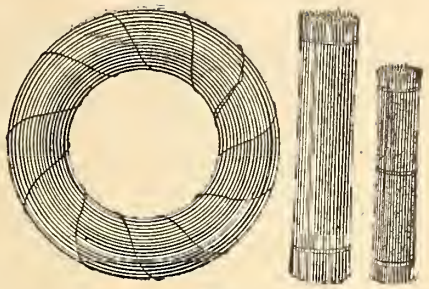
Used extensively for brushing worm casts off Putting Greens, also for staking young trees.

	Each	Doz.	100
16 feet long	$0.25	$2.50	$15.00
18 feet long	.35	3.25	22.00
20 feet long	.45	4.00	27.50

Poles (Wood)

12 feet long, 1¼ inch diam	$2.75
14 feet long, 1½ inch diam	3.00

Our Garden Tool and Sundries Department we believe to be the most fully equipped of any seed store in the United States. Most every article of real merit for horticultural work will be found here and of the best quality.



WIRE

If wanted by parcel post, add 10c. per lb.; 30c. per 12 lbs. for postage.

		Lb.	12-lb. Stone
No. 16.	Galvanized	$0.20	$2.00
No. 18.	Galvanized	.22	2.10
No. 19.	Galvanized	.24	2.25
No. 20.	Galvanized	.26	2.35
No. 22.	Galvanized	.28	2.40
No. 16.	Annealed	.18	1.60
No. 18.	Annealed	.20	1.75
No. 20.	Annealed	.24	1.85
No. 22.	Annealed	.26	2.00
No. 24.	Annealed	.28	2.10

TINNED WIRE

Used for bunching celery, etc.

No. 19, in 10-lb. boxes, cut 8½ inches, 30c. per lb. (by P. P., 40c.); per box, $2.50 (by P. P., $2.80).

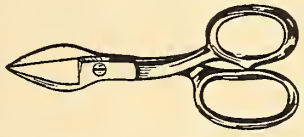
CUT BOUQUET WIRE

For Stemming Flowers

Cut, 9, 12 or 18 inches in length.

If wanted by parcel post, add 10c. per lb., 30c. per 12 lbs. for postage.

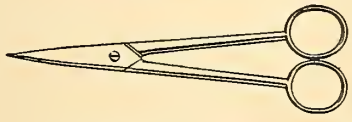
No. 20, 25c. per lb.; per box, 12 lbs. . . $2.25
No. 22, 30c. per lb.; per box, 12 lbs. . . 2.50
No. 24, 35c. per lb.; per box, 12 lbs. . . 3.00



WIRE AND TIN SHEARS

If wanted by Parcel Post, add 10c. each for postage.

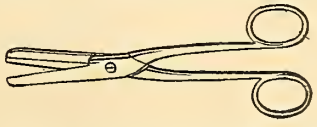
No. 833. 7½ inch, used for cut flower wire, etc. $1.10
No. 832. 8 inch, used for cut flower wire, etc. 1.15
No. 12. 8 inch for heavy wire and tin . . 1.35
No. 10. 10 inch for heavy wire and tin. 1.75



GRAPE SCISSORS

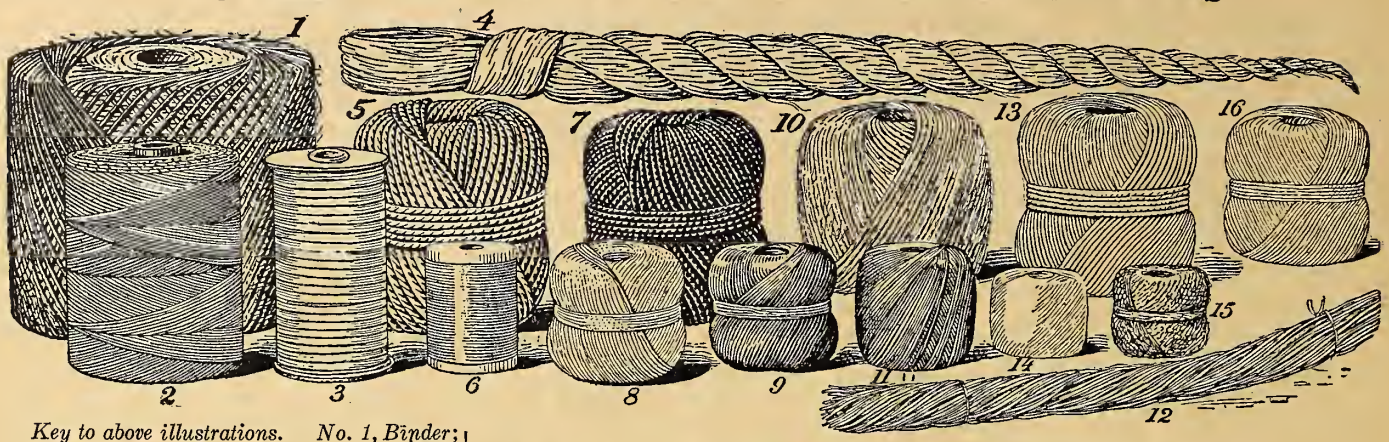
For thinning out bunches of grapes, and not disturbing the berries that are to remain for development.

No. 6148. 6 inch, $1.25 (by P. P., $1.35).



FLOWER SCISSORS

No. 1922. Cuts flowers and holds the stem. Price, $1.75 (by P. P., $1.85).



Key to above illustrations. No. 1, Binder; No. 2, Peerless; No. 3, Raffiatape; No. 4, Raffia; No. 5, Express; No. 6, Silkaline; No. 7, Tarred Marlin; No. 8, Cayuga, Medium; No. 9, Smilax; No. 10, Jute; No. 11, Green Sea Island; No. 12, Tarred Sisal; No. 13, Japanese; No. 14, Special White Cotton; No. 15, Linen Bouquet; No. 16, Cayuga, heavy.

TWINES, ETC.

If wanted by parcel post, add 10c. per lb. for postage.

	Ball	Lb.
No. 108. **White Cayuga,** Medium	$0.35	$0.70
No. 208. **White Cayuga,** Heavy	.35	.70
Jute, 2-ply and 3-ply	.18	.30
Linen Bouquet	.15	.85
Green Sea Island	.15	.85
No. 4½. **Japanese Twine.** Medium heavy	.35	
White Cotton, 3-ply	.15	.55
Peerless. Color, Nile green		.90
Tarred. For mat making	.35	
Tarred Sisal. For fodder		.17
Binder		.22
Express. Very heavy	.30	

Green Silkaline. For stringing Smilax and Asparagus, etc. F, fine; FF, medium; FFF, coarse. 35c. per spool; per lb. (8 spools), $2.60.

Smilax Twine (*Silkaline Substitute*). Very similar to the above; fast color. Price, 25c. per spool; per lb., $1.50.

RAFFIA

For tying, basket making and fancy work; very long and fibrous.

Natural Color, 50c. per lb. (by P. P., 60c.); 5 lbs., $2.40 (by P. P., $2.60).

Green, 85c. per lb. (by P. P., 95c.); 5 lbs., $4.00 (by P. P., $4.20).

RAFFIATAPE

This article is made of a composition of paper and linen and is tremendously strong; it is about ⅛ inch wide and is put up in 250-yards bolts or hanks. This is very desirable for tying bouquets, flower boxes or for any other purpose where attractive tying material is desired. Color, Nile green. Per bolt of 250 yards, 90c. (by P. P., $1.00); 6 bolts, $5.00 (by P. P., $5.25).

WAGON AND AUTOMOBILE HEATERS



These heaters will keep the temperature above freezing in most any ordinary closed vehicle during the severest weather.

No.		Each
10.	**Lehman.** Three drawers. (See cut)	$12.00



Clark Wagon Heater. This indestructible steel wagon heater yields a strong, steady heat without smoke or odor. Strong, safe and practical. Price, $3.50 each.

Coal for Wagon Heaters, $1.25 per 20 brickets; per 100 bricks, $8.50.

Please Note.—Wagon heaters burn prepared coal bricks only.

SUNDRIES

Bulb, Fibre. Qt., 15c.; 45c. per ½ pk.; pk., 75c.; $1.25 per ½ bu.; bu., $2.00.

Bull Dog Clips. For fastening packages, etc., $1.25 per box (by P. P., $1.40).

Carnation Bands (*Rubber*). For mending bursted calyx. 30c. per oz.; ¼ lb., $1.00.

Carnation Clips (*Baurs*). For mending carnations. $1.50 per 1000. Pliers for attaching same, $3.25.

Carnation Staples (*Wire*). 50c. per 1000.

Celery Tape. Fast red, in 1000-yard spools, $4.50 (by P. P., $4.65).

Celery Tape. Green, in 1000-yard spools, $4.00 (by P. P., $4.15).

Charcoal (*Lump*). For use in potting. Pk., 65c.; $1.50 per bu.; bbl. sack, $2.00.

Charcoal (*Ground*). Coarse, fine and powdered. Per lb., 8c.; 35c. per 5 lbs.; 10 lbs., 60c.; $1.25 per 25 lbs.; 100 lbs., $4.00.

Moss (*Green Lump*). Pk., 60c.; $1.75 per bu.; bbl. bag, $3.00.

Moss (*Green Sheet*). Per lb., 35c.; $2.25 per 10 lbs. bale.

Moss (*Sphagnum, dry*). Bbl. bags, $1.25; $4.25 per large bale.

Moss (*Sphagnum, live*). Pk., 50c.; $1.50 per bu.; bbl., $3.25.

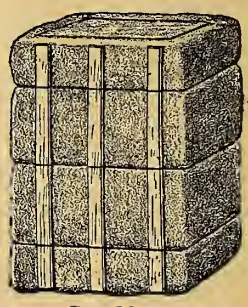
SUNDRIES
(Continued)

Pearl Chips. For bulb bowls aquariums, etc. Per 1 lb. pkg., 20c. (by P. P., 30c.); $1.10 per 6 pkgs.; 12 pkgs., $2.00; 5 lbs. pkg., 80c.; $1.50 per 10 lb. pkg.

Peat or Leaf Mould. Pk., 50c.; $1.50 per bu.; bbl., $3.25.

Peat (*Orchid*). Pk., 75c.; $1.75 per bu.; bbl. bag, $3.50.

Peat Moss, Torf Mull (*Imported*). Granulated. A clean, odorless substitute for manure; a great soil improver; makes light soil retentive of moisture; makes heavy soil light. Excellent for mulching rose beds, shrubbery and evergreens; also excellent for lawns. 5 lbs., 25c.; 40c. per 10 lbs.; 25 lbs., 85c.; $1.50 per 50 lbs.; per bale of about 165 lbs., $4.00.



Peat Moss

Pebbles. Qt., 10c.; 75c. per pk.; bu., $2.50; $5.00 per bbl. sack.

Pruning Compound. Per qt., 85c.; $2.50 per gal.

Sand. For propagating. Per qt., 10c.; 40c. per pk.; bu., $1.40; $3.00 per bbl. sack.

Shaderine. For shading greenhouse glass. 5 lbs., $1.25; $2.50 per 10 lb. can.

Soil. For potting. Qt., 10c.; 25c. per ½ pk.; pk., 40c.; $1.50 per bu.; bbl. bag, $3.25.

Tin Foil (*Plain*). In 5- and 6-inch widths, 1-lb. pkgs., 30c. (by P. P., 40c.); 5 lbs., for $1.40 (by P. P., $1.60); 5-inch width in 5-lb. rolls, $1.40 (by P. P., $1.60). Green and violet in 1-lb. pkgs., 60c. (by P. P., 70c.).

Toothpicks. Wired. 50c. per 1000; 10,000, $3.50.

Toothpicks. 4-inch, wired, green; per 1000, $1.00; $3.75 per 4500.

Toothpicks. 6-inch, wired, green; per 1000, $1.20; $3.30 per 3000.

Tree Paint. Qt., 85c.; $2.50 per gal.

Weed Killer (*Michell's*). Qt., 55c.; 90c. per ½ gal.; gal., $1.75; $6.75 per 5 gals.; 30 gals., $33.00; $50.00 for 50 gals.

Weed Killer (*Atlas Non-Poisonous*). Dry form. Small can, will make 2½ gals. solution, 50c.; large can will make 20 gals. solution, $2.00.

Zementine. For whitewashing and shading. 2 lbs., 45c.

PHILA. POULTRY FOUNTAIN



From a sanitary standpoint this is one of the best drinking fountains.

The top or body is detached, it is thus easily cleaned. The cone top prevents roosting. Made of galvanized iron.

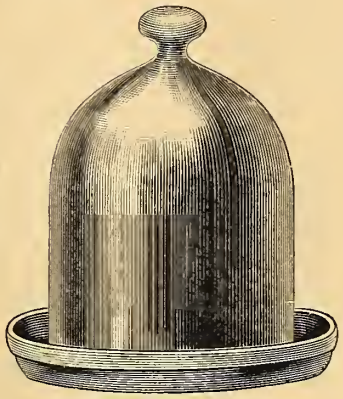
Capacity	Each	Capacity	Each
1 qt.	$0.30	4 qt.	$0.60
2 qt.	.45	8 qt.	.85

If wanted by P. P., add 10c. each for postage.

Extra Pans for Philadelphia Founts, 1 qt. size, 15c. each (by P. P., 20c.); doz., $1.50; 2 qt. size, 20c. each (by P. P., 25c.); doz., $2.00; 4 qt. size, 25c. each (by P. P., 35c.); doz., $2.50; 8 qt. size, 30c. each (by P. P., 40c.); doz., $3.00.

PHILADELPHIA STONE FOUNT

Considered one of the best Poultry Founts, especially in hot weather, as they will keep the water cool for a long time. They are easily filled and can be kept clean without much trouble. Endorsed by many successful poultrymen. One quart size, 50c.; one-half gallon size, 75c.; 1 gallon size, $1.00 each.



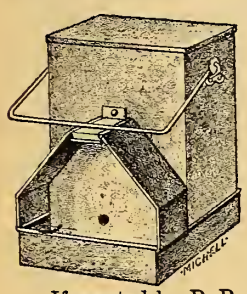


HUB POULTRY FOUNTAIN

A very convenient make for fastening to the wall; comes fitted with a handle, which makes it suitable for pigeon lofts, as it can readily be carried with one hand free.

Made of *heavy galvanized iron*, and not to be confounded with cheap tin affairs offered at a lower figure.

Capacity	Each	By P.P.
1 gallon	$0.85	$0.95
2 gallons	1.00	1.15



"ACME" FOUNTAIN

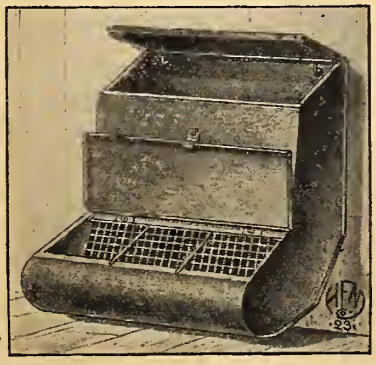
Made of galvanized iron, equipped with hinged bottom, a feature appreciated by a great many poultry raisers. It is perfectly sanitary and is easily cleaned.

Capacity	Each	By P. P.
½ gallon	$0.75	$0.90
1 gallon	.90	1.05
2 gallon	1.25	1.45

If wanted by P. P., add 15c. each for postage.

FAVORITE DRY MASH HOPPER

A Hopper without any fault. The wire grid is raised or lowered as required for coarse or fine mash. The curved bottom of the hopper always keeps the feed within easy reach of the birds. The flange at the edge prevents any possibility of waste. The Favorite Dry Mash Hopper is an inch wider at the lower side than at the top, thus making it utterly impossible for the food to clog. Price, 12-inch size, holds 12 qts., $1.75 each. 18-inch size holds 18 qts., $2.25 each. 24-inch size, holds 24 qts., $3.00 each.





NORWICH CHICK FEEDER

Convex in shape, it is impossible for the chicks to pull out or scatter the feed; the removable guard rod prevents the chicks from getting into the feed. The body is of galvanized steel with ends riveted and burred to malleable iron brackets. 20 inch. Without Rain Top, each..$0.75 | With Rain Top, each....$1.00

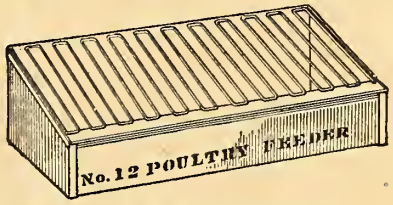
If wanted by parcel post, add 15c. each for postage.



Grit, Shell and Feed Boxes

No. 1. Medium, Galvanized Iron, with three spaces, 75c. each (by P. P., 90c.).

No. 2. Large, Galvanized Iron, with three spaces $1.00 each (by P. P., $1.15).



FELKER'S No. 12 FEEDER

Designed especially for a small colony of fowl or for chickens. Can be used for any kind of grain feed or mash and is protected from waste by a specially designed brass wire grid. Can be hung on the wall or set on a sill. 12 in. long, 90c. each (by P. P., $1.05); 24 in. long, $1.35 each (by P. P., $1.55).

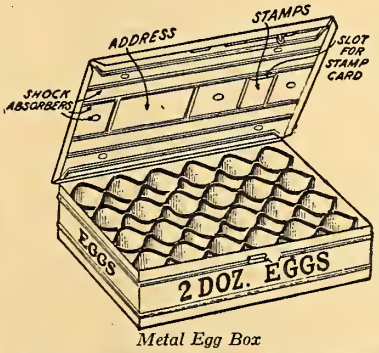
Paper Parcel Post Egg Boxes

Made of strong, corrugated fibre board; light in weight; economical in postage; the eggs are suspended clear of walls, breakage almost negligible.

If wanted by parcel post, add 5c. each; or 25c. per doz. for postage.

Capacity	Each	Doz.	Capacity	Each	Doz.
1 doz.	$0.15	$1.50	3 doz.	$0.30	$3.00
2 doz.	.25	2.25	4 doz.	.35	3.50

Metal Egg Shipping Box



Metal Egg Box

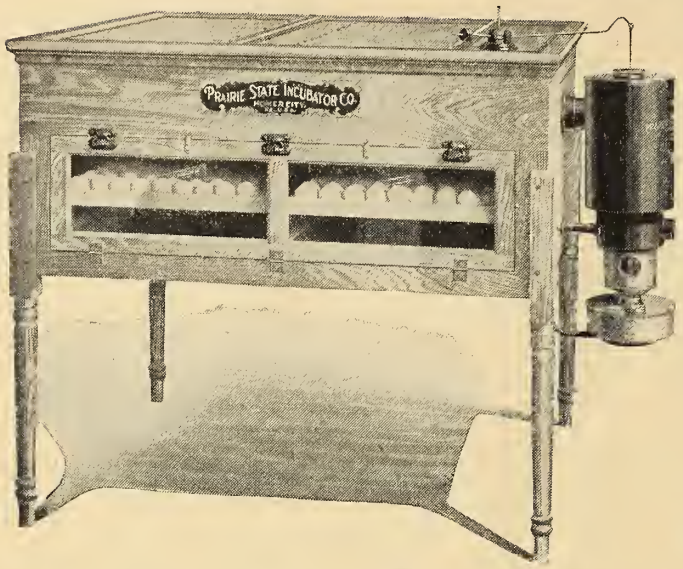
This is the ideal, indestructible box for forwarding household eggs by parcel post or express; can be used indefinitely.

	Each
1½-dozen capacity	$1.25
2-dozen capacity	1.50
3-dozen capacity	1.75
4-dozen capacity	2.00
6-dozen capacity	2.50
9-dozen capacity	3.25
12-dozen capacity	4.00

If wanted by parcel post, add 15c. per box for mailing.

Extra fillers for 18 egg size, 36c. each (by P. P., 45c.).
" " for 24 egg size, 48c. each (by P. P., 60c.).
" " for 36 egg size, 72c. each (by P. P., 85c.).
" " for 48 egg size, 96c. each (by P. P., $1.10).
" " for 60 egg size, $1.20 each (by P. P., $1.35).
" " for 108 egg size, $2.16 each (by P. P., $2.35).
" " for 144 egg size, $2.88 each (by P. P., $3.10).

Separating cardboards, 2c. each; address cards, 2c. each.



Prairie State Incubator

PRAIRIE STATE INCUBATORS

The Prairie State Incubators have made good since the day of their introduction, which is many years ago; the improvements that have been added are the results of developments which experience has proven to be both practical and successful.

In the building, design and construction of the Prairie State Incubator, every known factor to the present time has been taken into consideration. All Prairie State Incubators are equipped with nurseries.

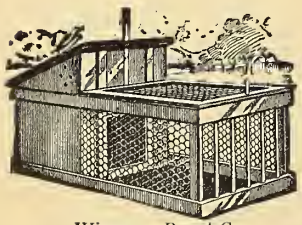
The Prairie State has the diffusive air circulation system and sand tray moisture feature and is as faultless as it is possible to make incubators.

		Hen Egg Capacity	Duck Egg Capacity	Price
No. 0.	Diffusive style	100	75	$30.00
No. 1.	Diffusive style	150	100	37.50
No. 3.	Diffusive style	390	300	67.50

Complete Catalog on Prairie State Incubators and Brooders free on request.

PEEPY GEM HOT WATER INCUBATOR

This is especially designed for the amateur or beginner. It is a wonderful value for the price charged. Very carefully made. Equipped with galvanized water heater and a sensitive thermostat. We can supply this in one size only, 50-egg capacity. Price, $10.00.



Wigwarm Brood Coop

"Wigwarm" Setting and Brood Coops

For a hen and her chicks or while she is setting. Gives protection from rats, skunks, hawks and other enemies. Insures larger hatches—fewer broken eggs. This coop is just the thing for colony raising and has proved its success for many years. Shipped knocked down.

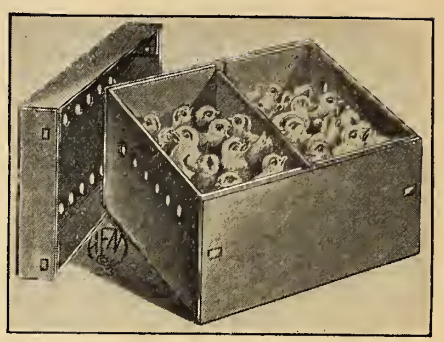
	Length incl. Yard	Width	Height of Coop	Floor Space of Coop	Each
Large	49 in.	22 in.	23 in.	18½ in. x 18½ in.	$6.50

SEARCHLIGHT EGG TESTER

A portable, electric tester; speedy, accurate, easy to operate; the tester is moved over the eggs, instead of the eggs over the tester, not only saving the handling of the eggs, but the light penetrates at the top where the germ rests. Price, $5.00.



Chick Boxes

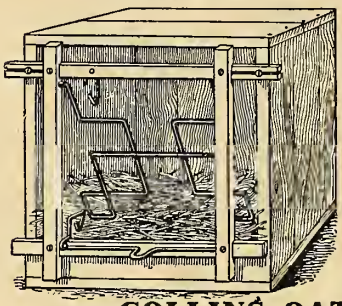


Made of corrugated paper; extensively used; will carry chicks any distance with perfect safety. Are shipped knocked down and take up a small amount of space.

If wanted by parcel post, add 5c. each or 50c per doz. for postage.

Capacity		Each	Doz.
25 Chicks	Size 12 x 6 x 5	$0.25	$2.00
50 Chicks	Size 12 x 12 x 5	.35	2.75
100 Chicks	Size 24 x 12 x 5	.45	3.75

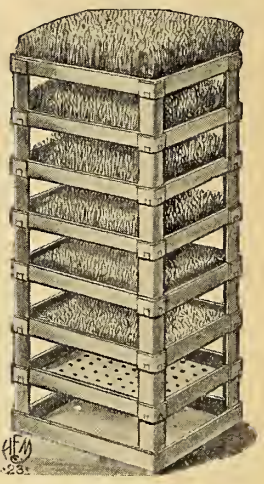
GATE TRAP NEST FRONT



A trap worked entirely by the hen, arresting it every time it enters the nest. Of simple construction; cannot get out of order; must last a lifetime; will never frigthen a hen. If you use trap nests you can tell which hens are layers and which are drones.

We furnish fronts only, attachable to a square box of suitable size. Each, $1.00 (by P. P., $1.15); $11.00 per doz. (by P. P., $11.50).

COLLINS OAT SPROUTER



The most practical, quickest growing, perpetual, sectional and fireless Oat Sprouter. The Collins Sprouter is made in units, light individual pans, one pan for each day of the week and a drip pan at the bottom.

The production of eggs and the proper development of growing stock depend upon some form of "green stuff," something that is growing, that has life in it. The feeding of sprouted oats is no longer an experiment. Experience has proven time and again its value as a food for stimulating egg production. Oats sprouted in the right manner furnish food most nearly akin to the fresh green growth of spring time, the prolific laying time of the year.

No. 1—8 Pan 11 x 15 inch.....$4.00
No. 2—5 Pan 11 x 15 inch..... 3.00
No. 3—8 Pan 11 x 32 inch..... 8.00

If wanted by parcel post, add 30c. each for postage.



SALT BRICKS

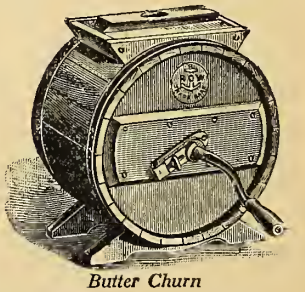
For dairy cows, horses and other animals. Essential to general good health in stables; fastened on the wall it is accessbile at all times and remains clean. Per brick, 25c. (by mail, 35c.); $2.75 per dozen.

Salt Brick Holders, 50c. each (by P. P., 60c.); doz., $5.00.

Richmond Butter Churns

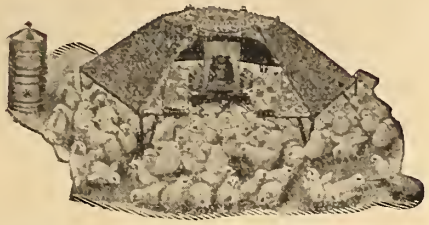
First quality white cedar, carefully finished, easily cleaned. You can make butter according to the amount of milk or cream on hand.

		Each	By P.P.
No. 1.	3 gals.	$4.25	$4.50
No. 2.	4 gals.	5.00	5.50
No. 3.	7 gals.	5.50	6.00



Butter Churn

THE NEW 1928 MODEL SOL-HOT BROODER

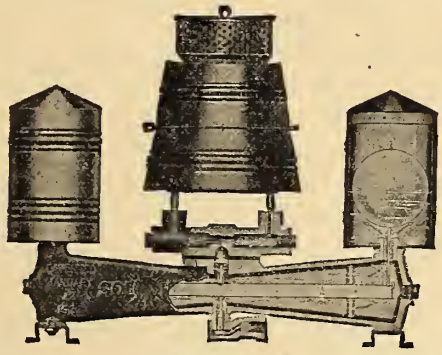


Sol-Hot is the only brooder on the market that has a different size burner for each size canopy. It costs more to build them this way, but it means economy for you.

You take no risk when you order a Sol-Hot

If you are thinking of buying a brooder this season, by all means buy a Sol-Hot—it means so much to you in the way of saving of labor and better results in the rearing of your chicks.

You may be able to buy a brooder that costs a little less money, but based on the better value you get—the more chicks you will raise—the freedom from trouble—the elimination of fire hazard—Sol-Hot is by far the cheapest brooder in the long run.



It's the Twin Float Automatic Oil Level Control

Sol-Hot, with its many years of undisputed leadership, once more steps "Way out in front" this season with the greatest invention ever made for oil-burning Brooders. The patented TWIN-FLOAT Oil Level entirely eliminates the trouble and bother of having to level up the brooder in order to get it to burn properly. Equipped with the New Twin-Float Oil Level, the Sol-Hot Brooder can be set anywhere, regardless of uneven floor conditions. Comes assembled, ready for immediate operation. No leveling of any kind needed.

100 Per Cent Safe

No danger from fire—no trouble—no worry. All you have to do is to put oil in container, prime and light the burner, and turn flame control valve—like knob on gas stove—to height desired. The oil container is connected to the burner with copper tubing. It can be set anywhere, on the floor, on a shelf, high or low—it makes no difference. Burner cannot overflow—cannot go out—the Twin-Float absolutely prevents it. Operating a Sol-Hot is as simple as using a gas stove.

Prices

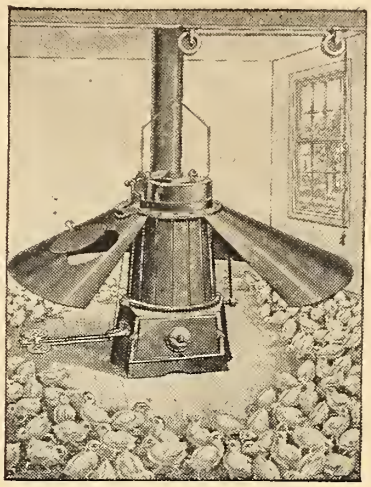
Baby,	24 inch Canopy, broods	100 chicks	$11.50
Standard,	34 inch Canopy, broods	250 chicks	17.00
Standard,	44 inch Canopy, broods	500 chicks	20.50
Standard,	54 inch Canopy, broods	1000 chicks	22.50

Complete descriptive circular on Sol-Hot Brooders free on request.

THE HOME HATCHER HOVER

Especially designed to meet the requirements of the raiser of a small flock of poultry. Substantially built and of fireproof construction throughout. With the exception of the legs, the entire hover, including the lamp, is made of heavy galvanized iron. It is fitted with a lamp for which a separate housing is provided. An ideal hover for baby chicks. Capacity, 50 chicks. Price, $7.00.

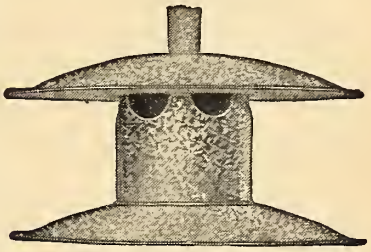
EUREKA COAL STOVE BROODER



This type has a corrugated fire pot claimed to be gas proof; is self regulating and the manufacturer claims you can operate it at a cost of 5 cents per day. It requires no attention except coaling once in 24 or 48 hours according to weather. The "Eureka" is made in Philadelphia and is sold at a very attractive price because the capacity for manufacturing them is large and conditions favorable. Made in two sizes: No. 10, weight 95 lbs., for brooding 500 chicks, $21.50; No. 20, weight 117 lbs., for brooding 1000 chicks, $26.50.

PUTNAM BROODER HEATER

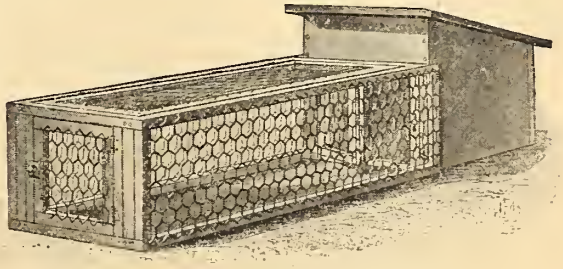
This can be used in any home-made brooder. The heater is so constructed that it acts like an open fireplace, carrying the foul air out and drawing the fresh air in, thus providing perfect ventilation automatically. Heat is radiated from above onto the backs of chicks, giving the natural and soothing effect of the hen, without the lice. The brooder heater is made of brass and galvanized iron and is practically indestructible. Every brooder heater is accompanied by easily followed directions for building the home-made brooder. Price of heater, $4.75 (by P. P., $5.00).



LITTLE PUTNAM STOVE

This is used under the drinking vessels of the poultry house to keep the water from freezing in the coldest winter weather. The stove is nine inches in diameter and four inches high; made of galvanized iron and equipped with a burner which embodies an entirely new principle in oil combustion. Combustion is complete and perfect, doubling the heat value of oil. The oil tank holds three pints of oil and burns three to four weeks without refilling or any other attention; the wick never needs trimming. Price, $1.95 (by P. P., $2.10).





FARM BROOD COOP

A big, roomy coop that will accommodate a bunch of chicks. Well ventilated; substantially made; shipped knocked down. Made from grooved and tongued lumber, not painted. It is 21 inches wide, 22 inches from front to back, 22 inches high in front, 14 inches high in back. The roof is hinged. Then there is a wire run 38 x 21 x 16 inches. The top is hinged. Price, complete, $6.25.

MICHELL'S POULTRY AND ANIMAL FOODS AND TONICS

Prices of Poultry Food fluctuate constantly and are subject to change.

For Bird Seeds and Supplies see Page 173.

Alfalfa Hay. 5 lbs., 25c.; 45c. per 10 lbs.; 25 lbs., $1.00; $3.00 per 100 lbs.

Alfalfa Meal. 5 lbs., 25c.; 45c. per 10 lbs.; 25 lbs., $1.00; $3.00 per 100 lbs.

Animal Regulator (Pratt's). 25c. and 50c. per pkg.

Barley. Per qt., 10c.; 30c. per 4 qts.; pk., 55c.; $1.90 per bu.

Bone (*Coarse Ground*). 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., $1.25; $4.25 per 100 lbs.

Bone (*Fine Grade*). 5 lbs., 40; 70c. per 10 lbs.; 25 lbs., $1.40; $4.50 per 100 lbs.

Bran (*Wheat*). 5 lbs., 25c.; 45c. per 10 lbs.; 25 lbs., $1.00; $3.25 per 100 lbs.

Broken Rice. 5 lbs., 45c.; 80c. per 10 lbs.; 25 lbs., $1.75; $6.00 per 100 lbs.

Buckwheat. Per qt., 10c.; 35c. per 4 qts.; pk., 60c.; $2.00 per bu.

Cake Meal. 5 lbs., 45c.; 80c. per 10 lbs.; 25 lbs., $1.75; $6.00 per 100 lbs.

Canada Peas. Per qt., 20c.; 60c. per 4 qts.; pk., $1.10; $3.85 per bu.



Cat Food (Spratt's). Saves the necessity of especially preparing food for tabby. Small carton, 20c.; 35c. per large carton.

Catnip Balls. A plaything and tonic for pussy. 20c. each.

Charcoal. Two grades, **fine** and **coarse.** 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., $1.00; $3.25 per 100 lbs.

Chicgrain (Spratt's). 5 lbs., 45c.; 80c. per 10 lbs.; 25 lbs., $1.75; $6.00 per 100 lbs.

Chick Food (Michell's). 5 lbs., 35c.; 55c. per 10 lbs.; 25 lbs., $1.15; $4.00 per 100 lbs.

Chick Food (Park and Pollard). 5 lbs., 35c.; 65c. per 10 lbs.; 25 lbs., $1.30; $4.25 per 100 lbs.

Chick Food (Pratt's). 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., $1.25; $4.50 per 100 lbs.

Chick Manna. Per lb., 15c. (by P. P., 20c.); 40c. per 3 lbs. (by P. P., 50c.); 5 lbs., 60c. (by P. P., 75c.); $1.65 per 15 lbs.; 60 lbs., $6.25; $9.00 per 100 lbs.

Chick Meal (Spratt's Nos. 3, 5 and 12). 5 lbs., 80c.; $1.50 per 10 lbs.; 25 lbs., $3.50; $6.25 for 50 lbs.; 100 lbs., $12.00.

Condition Tablets (Pratt's). For relieving colds, catarrh, mild cases of roup, etc. 25c. and 50c. per box.

Conkey's Poultry Tonic. To induce the hen to lay more and larger eggs. 25c. per 1½ lb. pkg. (by P. P., 35c.); 3¼ lbs., 50c. (by P. P., 65c.).

Conkey's Starting Food for Baby Chicks. 5 lbs., 45c.; 80c. per 10 lbs.; 25 lbs., $1.75; $6.25 per 100 lbs.

Corn Meal (*Special Process*). 5 lbs., 30c.; 55c. per 10 lbs.; 25 lbs., $1.10; $3.50 per 100 lbs.

Cracked Corn. 5 lbs., 30c.; 55c. per 10 lbs.; 25 lbs., $1.10; $3.50 per 100 lbs.

Cut Clover Hay. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., $1.25; $4.00 per 100 lbs.



Developing Food (Michell's). 5 lbs., 30c.; 55c. per 10 lbs.; 25 lbs., $1.15; $3.75 per 100 lbs.

Dog Cakes (Spratt's). Square shaped; medium pkg., 45c.; 80c. per large pkg.; 25 lbs., $3.75; $7.00 per 50 lbs.; 100 lbs., $13.50.

Dog Cakes (*Spratt's Oblong*). Pkg., 15c.

Gluten Meal. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., $1.00; $3.50 per 100 lbs.

Grit. Fine, medium and coarse. 5 lbs., 20c.; 35c. per 10 lbs.; 25 lbs., 60c.; $1.75 per 100 lbs.

Grit (*Red Cross Health*). For pigeons. 5 lbs., 20c.; 35c. per 10 lbs.; 25 lbs., 65c.; $2.25 per 100 lbs.

Ground Oats. 5 lbs., 25c.; 45c. per 10 lbs.; 25 lbs., $1.00; $3.50 per 100 lbs.

Growing Food (Park and Pollard). 5 lbs., 35c.; 65c. per 10 lbs.; 25 lbs., $1.25; $4.00 per 100 lbs.

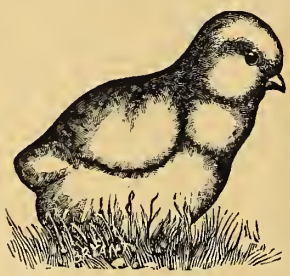
Hemp Seed. Per lb., 15c.; 70c. per 5 lbs.; 10 lbs., $1.30.

Hulled Oats. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., $1.40; $5.00 per 100 lbs.

Kaffir Corn. 5 lbs., 30c.; 55c. per 10 lbs.; 25 lbs., $1.25; $4.25 per 100 lbs.

Linseed Meal. 5 lbs., 60c.; $1.10 per 10 lbs.; 25 lbs., $2.25; $8.00 per 100 lbs.

Mash Food (*Laying Buttermilk*). 5 lbs., 35c.; 55c. per 10 lbs.; 25 lbs., $1.15; $4.00 per 100 lbs.



Mash Food (Park and Pollard). 5 lbs., 35c.; 65c. per 10 lbs.; 25 lbs., $1.25; $4.00 per 100 lbs.

Mash Food (*Growing Buttermilk*). 5 lbs., 40c; 65c. per 10 lbs.; 25 lbs. $1.35; $4.50 per 100 lbs.

Meat (*Prepared*). 5 lbs., 40c.; 75c. per 10 lbs.; 25 lbs., $1.40; $4.50 per 100 lbs.

Middlings. 5 lbs., 35c.; 65c. per 10 lbs.; 25 lbs., $1.35; $4.50 per 100 lbs.

Millet. 5 lbs., 50c.; 90c. per 10 lbs.; 25 lbs., $2.00; $6.00 per 100 lbs.

Oat Meal (*Pin Head*). 5 lbs., 35c.; 70c. per 10 lbs.; 25 lbs., $1.50; $5.50 per 100 lbs.

Oyster Shells. Fine and coarse. 5 lbs., 15c.; 30c. per 10 lbs.; 25 lbs., 55c.; $1.75 per 100 lbs.

Panacea (Drs. Hess and Clark). 1½ lbs., 25c. (by P. P., 35c.); 75c. per 5 lbs. (by P. P., 90c.); 12 lbs., $1.50 (by P. P., $1.80); $3.00 per 25 lbs.

Pheasant Meal (Spratt's). No. 12 Fine; No. 5 Coarse. 5 lbs., 70c.; $1.25 per 10 lbs.; 25 lbs., $2.75; $10.00 per 100 lbs.



Pigeon Food. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., $1.25; $4.50 per 100 lbs.

Poultry Food (Spratt's No. 3.) 5 lbs., 70c.; $1.25 per 10 lbs.; 25 lbs., $2.75; $10.00 per 100 lbs.

Poultry or Scratch Food (Michell's). 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., $1.10; $3.50 per 100 lbs.

Poultry or Scratch Food (Park and Pollard). 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., $1.15; $3.75 per 100 lbs.

Pratt's Poultry Regulator. Price, 8-oz. package, 12c.; 24-oz., 25c. (by P. P., 35c.); 50c. per 4 lbs. (by P. P., 65c.); 12-lb. bag, $1.40 (by P. P., $1.70); $1.65 per 12-lb. pail; 25 lbs., $3.00; $10.00 per 100 lbs.

Puppy Cakes (Spratt's). Medium pkg., 45c.; 80c. per large pkg.; 25 lbs., $3.95; $7.50 per 50 lbs.; 100 lbs., $14.00.

Puppy Cakes (Spratt's Oval). Pkg., 35c.

Sunflower Seed. Per lb., 15c.; 70c. per 5 lbs.; 10 lbs., $1.35; $3.25 per 25 lbs.; per 100 lbs., $12.00.

Vitality Salt (*Rigler's*). A wonderful builder; keeps fowls strong and healthy; makes chicks grow and mature early. Per ½ lb. pkg., 50c. (by P. P., 55c.); $1.00 per lb. (by P. P., $1.10).

MICHELL'S POULTRY REMEDIES, DISINFECTANTS, ETC.



Carbola. An improvement on whitewash, combining the features of a cold water paint and disinfectant; will not rub or chip; not a lime product. 75c. per 5 lbs.; 10 lbs., $1.25; $5.00 for 50 lbs.

Carbolineum. A poultry house disinfectant, louse and mite destroyer; insures absolute riddance of the pests if applied but twice a year. Excellent for preserving wood against rot and decay; in gallon cans only. $1.50 per gal.; 5 gals. for $7.00.

Chemo. A liquid lice killer that will not discolor the plumage of white poultry. Per gal., $2.00.

Chicken Pox or Sore Head Remedy (Verdery's). 35c. for 2 ozs.

Condition Tablets (Pratt's). 25c. and 50c. per pkg. (by P. P., add 10c. extra).

Conkey's Canker Special. A wonderful and effective remedy. 50c. per pkg. (by P. P., 60c.).

Conkey's Cholera Cure. 25c. and 50c. per pkg. (by P. P., add 10c. extra).

Conkey's Chicken Pox Remedy. 25c. and 50c. per pkg. (by P. P., add 10c. extra).

Conkey's Gape Cure. For young chicks. 50c. per pkg. (by P. P., 10c. extra).

Conkey's Lice Fix. For destroying mites, lice, etc. 25c. and 50c. per pkg. (by P. P., add 10c. extra).

Conkey's Mite Liquid. For painting roosts, poultry houses, spraying nests and general vermin cleaning, etc. Qt., 60c.; 90c. per ½ gal.; per gal., $1.50.

Conkey's Lice Powder. A sure destroyer. 25c., 50c. and $1.40 per pkg. (by P. P., 10c. extra).

Conkey's Nox-i-cide. A germ destroyer, which will keep the poultry house in a pure, sanitary condition, destroy all germs and drive out the lice and mites. 50c. per pt.; qt., 80c.; $1.30 for 2 qts.; gal., $2.00.

Conkey's Roup Cure. The most widely used of the roup remedies; administered in the drinking water. 30c., 60c. and $1.20 per box (by P. P., add 10c. extra).

Conkey's Scaly Leg Remedy. A sure cure. 25c. per pkg. (by P. P., 10c. extra).

Conkey's White Diarrhoea Cure. For little chicks; results always satisfactory. 30c. and 60c. per package (by P. P., 10c. extra).

Death to Lice (Lambert's). For dusting fowls and nests. The most effective chicken lice exterminator in existence. 5-oz. size, 10c.; 25c. for 15 ozs. (by P. P., 30c.); 48 ozs., 50c. (by P. P., 65c.); $1.00 per 100-oz. pkg. (by P. P., $1.35).

Death to Lice Ointment (Lambert's). A salve or ointment used on the heads of newly-hatched chicks. It drives away lice instantly. 10c. and 25c. per box (by P. P., add 10c. extra).

Gape Worm Extractors. Two styles: *Hallowell*, made of German silver and horse hair, 10c. each. *Pilling*, made entirely of German silver, 25c. each (by P. P., add 5c. extra)

Germozone. The standard remedy for the prevention and cure of most every ill that affects poultry, such as roup, cholera, bowel complaint, diarrhoea, sore head, gapes, etc. In tablet form, 75c. (by P. P., 85c.).

Lice Expelling Nest Eggs. These are made of napthaline and are an ideal substitute for the natural egg, which they closely resemble. 6c. each; per doz., 65c.; $4.50 per 100.

Oculum. For cholera, roup and diarrhoea. May be used on chicks and grown fowls with equal success. 50c. and $1.00 per bottle (by P. P., add 10c. extra).

Pratt's Disinfectant. For spraying poultry houses, stables, etc. It gets rid of lice and mites and keeps poultry houses clean and healthy. Pt., 35c.; 55c. per qt.; ½ gal., 90c.; $1.50 per gal.; 5 gals., $7.00.

Pratt's Lice Powder. For dusting nests, fowls, chicks, etc.; quickly kills the lice. 12c., 25c. and 50c. per box (by P. P., add 10c. extra).

Pratt's Roup Remedy (*Pills*). For roup, canker, catarrh and diptheria. As a preventative it is unsurpassed. 25c., 50c. and $1.00 per box (by P. P., add 10c. extra).

Pratt's Sore Head Remedy. A sure, rapid cure for the dreaded disease known as sore head or chicken pox. 30c. and 60c. per box (by P. P., add 10c. extra).

Pratt's White Diarrhoea Remedy. For baby chicks; keep the germs of the disease from becoming active by using this remedy. 25c. and 50c. (by P. P., add 10c. extra).

Roup Syringe. For administering liquid roup remedies in the nostrils or throat. Price, 15c. each (by P. P., 20c.).

Spratt's Dog Soap. Entirely free from poison, and at the same time most effective in the destruction of lice and fleas. 25c. per cake (by P. P., 35c.).

Sulphur Candles. Large size, 25c. each (by P. P., 30c.); doz., $2.75. Small size, 15c. each (by P. P., 20c.); doz., $1.65.

Tobacco Dust. For dusting on roosts, nests, etc., to keep away vermin. Carton with sifter top, 25c.; 5 lbs. for 40c.; 60c. for 10 lbs.; 25 lbs., $1.35; $2.50 per 50 lbs.; 100 lbs., $4.75.

Tobacco Stems. For making nests, etc. 1 lb., 10c.; 30c. for 5 lbs.; 10 lbs., 50c.; $1.00 per 25 lbs.; large bales of about 250 lbs., at 2c. per lb.; per ½ ton, $15.00; $27.50 per ton.

Whiting's Roupene. An infallible preventive and sure cure for all cases of roup, canker, diptheria, chicken pox or sore head, gapes, colds and all diseases of the respiratory organs of fowls or pigeons. Will cure dogs of the sniffles. Price, 50c. and $1.00 per bottle (by P. P., add 10c. extra).

Whiting's White Diarrhoea Remedy. 50c. and $1.00 per bottle (by P. P., 10c. extra).

Zenoleum Liquid. Dilute one part Zenoleum to one hundred parts water. It is non-poisonous and is not irritating or inflammable. Should be used freely around barns and poultry houses. Zenoleum is a concentrated solution of coal tar. It is mixed with hot or cold water, making a perfect emulsion that requires no boiling or stilling. 8 ozs., 50c.; 75c. per qt.; ½ gal., $1.25; $2.00 per gal.; 5 gal. can, $9.50.

MICHELL'S RECLEANED BIRD SEEDS, PET SUPPLIES, ETC.



If Bird Seeds, Etc., are wanted by Parcel Post, add for postage as follows: 10c. for 1 lb.; 20c. for 5 lbs.; 30c. for 10 lbs.

Bird Manna. Keeps Canary birds in prime condition and prevents the loss of song. Pkg., 15c.

Canary Seed (*Plain Sicily*). Recleaned and of splendid quality. Per lb., 20c.; 90c. per 5 lbs.; 10 lbs., $1.65.

Canary Seed (*Mixed*). A mixture of the finest quality and in proper proportions. Per lb., 20c.; 90c. per 5 lbs.; 10 lbs., $1.65.

Catnip Balls. A plaything and tonic for pussy. 20c. each.

Cuttle Fish Bone. Good for digestion and general health. Each 5c.; 20c. per ¼ lb.; per lb., 60c.

Cuttle Fish Bone. With holder for fastening to cage. 10c. each (by P. P., 15c.).

Fish Food. Granular and wafer form. Per pkg., 15c.

Hemp Seed. Birds are very fond of this seed; it is rich and should be fed with discretion. Lb., 15c.; 5 lbs., 70c.; 10 lbs., $1.30.

Lettuce Seed. A slight sprinkle of this is much relished by canaries. Oz., 5c.; ¼ lb., 10c.; 30c. per lb.

Maw Seed. Calculated to improve the song of canaries, etc. ¼ lb., 10c.; lb., 25c.; 5 lbs., $1.10.

Millet Seed (*Imported*). Recleaned seed; nutritious and appetizing. Lb., 12c.; 5 lbs., 55c.; 10 lbs., $1.00.

Parrot Food (Spratt's). 20c. pkg. (by P. P., 25c.); $2.00 per doz. pkgs.

Rape Seed. Will keep the birds in excellent condition; feed with canary seed. Lb., 15c.; 5 lbs., 70c.; 10 lbs., $1.30.

Sand. For bird cages. Red, fine. Pkg., 10c. (by P. P., 20c.); $1.00 per doz. pkgs.

Sand. Silver, fine. Pkg., 10c. (by P. P., 20c.); $1.00 per doz.

Sand or Gravel. Silver, coarse; for parrots' cages. 10c. per pkg. (by P. P., 20c.); doz. pkgs., $1.00.

Song Restorer. For Canaries; revives the desire to be lively and sing more lustily. Price, 15c. per bottle; doz., $1.50.

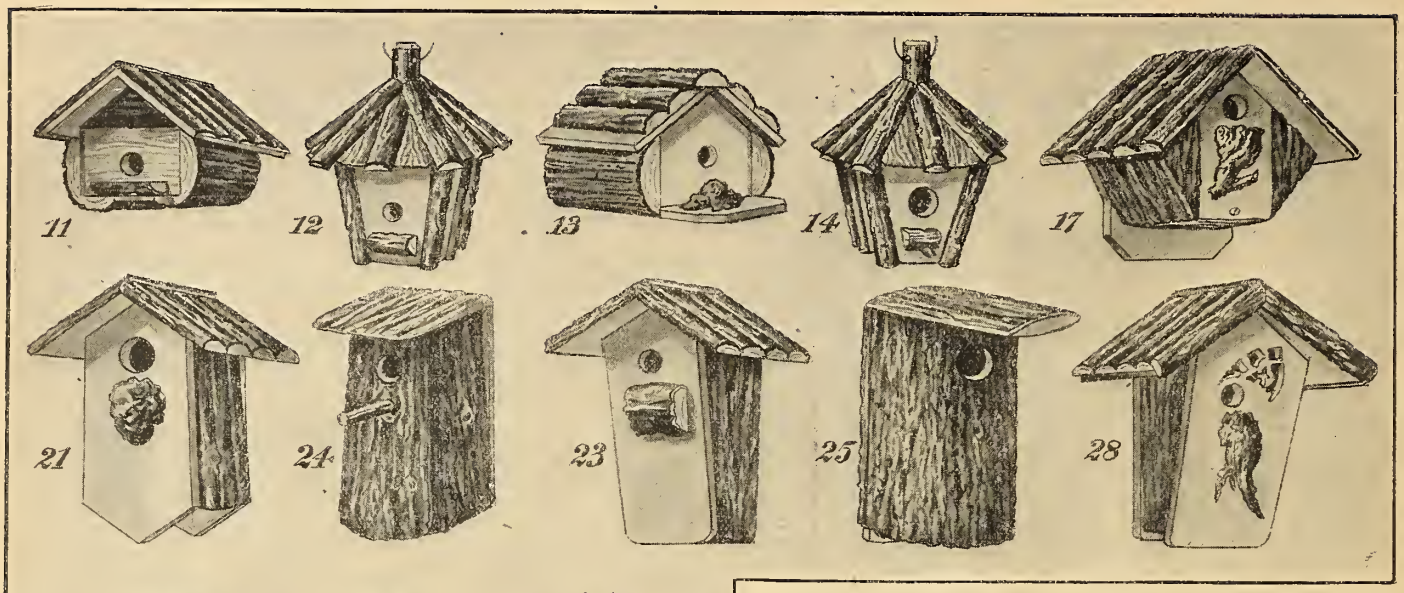
Spratt's Sing Song. A tonic and song restorer. Pkg., 15c.

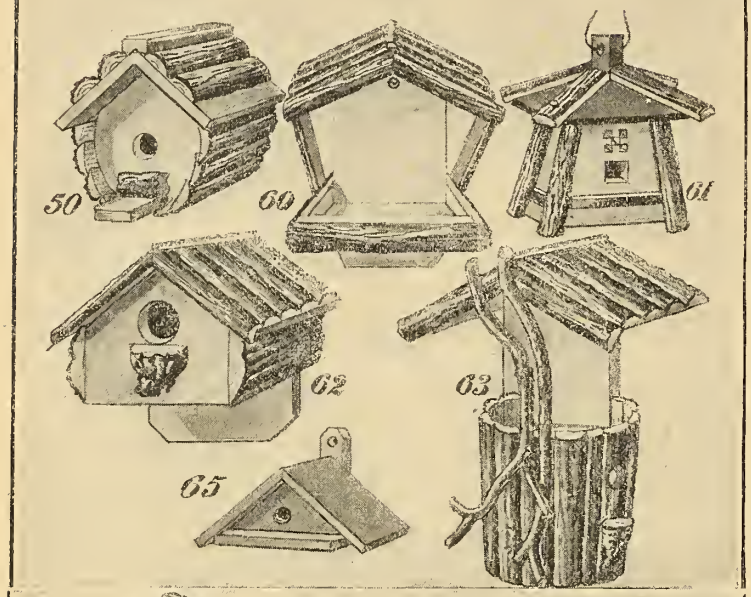
Sunflower Seed. We are very large handlers of this important food for parrots. Our customers may depend upon getting a very choice article. 15c. per lb.; 70c. per 5 lbs.; 10 lbs., $1.35; $3.25 for 25 lbs.

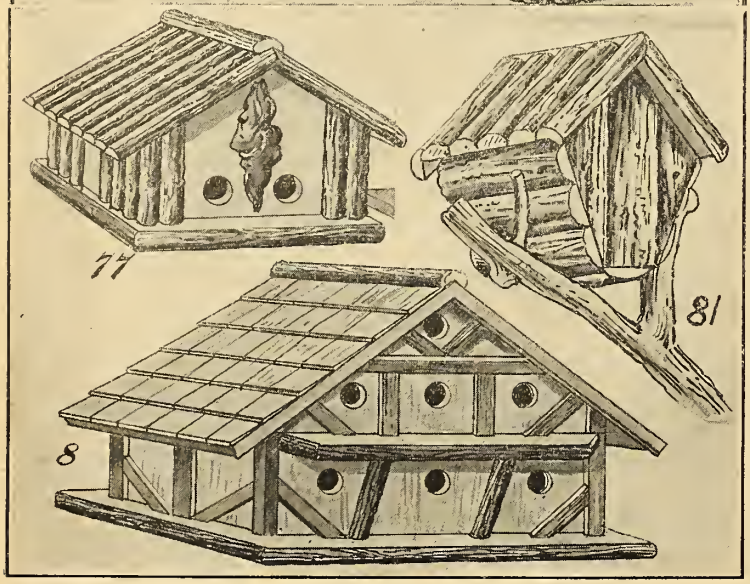
Unhulled Rice. Lb., 20c.; 5 lbs., 75c.; 10 lbs., $1.35.

Prices on Bird Seed in larger quantities quoted on application.

MICHELL'S RUSTIC AND ORNAMENTAL BIRD HOUSES



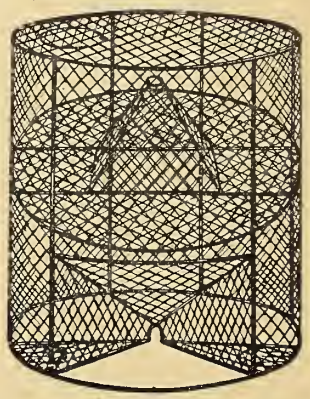




Comparatively few of us recognize the great economic value of birds. Particularly the blue birds, house wrens and martins are very easily domesticated. Their favorite nesting sites are bird houses made for their use which may be placed about in the garden and farm or in orchards. As rent, these grateful birds pay amply, destroying millions of insects annually. If you put up bird houses in the autumn or before the birds arrive in the spring you may be able to keep birds with you all winter if you provide them with shelter and food.

No.		Price Each	P.Post Each
8.	**Martin House.** 14 room (not mailable).	$18.00	
11.	**Wren House**	1.75	$2.00
12.	**Wren House**	1.75	2.00
13.	**Wren House**	1.75	2.00
14.	**Wren or Bluebird House**	2.00	2.25
17.	**Wren House**	1.50	1.75
21.	**Bluebird House**	1.75	2.00
23.	**Wren House**	1.75	2.00
24.	**Wren House**	1.75	2.00
25.	**For Woodpeckers, Chickadees, Nut Hatches, etc.**	1.75	2.00
28.	**Wren House Beautiful**	2.00	2.25
50.	**Wren House.** Swinging	1.50	1.75
60.	**Robin House**	1.75	2.00
61.	**Wren House.** Swinging	1.75	2.00
62.	**Bluebird House**	1.75	2.00
63.	**Wren and Robin House**	2.25	2.50
65.	**Maryland Wren Box**	.50	.70
77.	**Martin House.** 4 room	5.00	5.60

81. SQUIRREL HOUSE



The trouble with the ordinary squirrel houses is, that all sorts of birds will try to build in them, particularly the sparrow. This house is arranged so that no birds will try to use it, the hole is on the bottom. A narrow passage leads up to another opening leading over into a snug room for the squirrel's storehouse and nesting place. Put high up in crotch of a tree. Price, $5.50 (by P. P., $6.00).

SPARROW TRAP
(Wire)

We have tried this out and found it to be the best trap made. Scatter a little cracked corn and set the trap right over it. You'll be surprised at the catch. $6.00 each (by P. P., $6.50).

MICHELL'S HORTOBACCO



THE FERTILIZER THAT PUTS ONE OVER ON NATURE

Protection and Fertilization all in one.

A Tobacco Base Insecticide and Fertilizer.

For lawns it is a quick-acting fertilizer that supplies Nitrogen and phosphoric acid, and adds humus to the soil.

For flowers and vegetables a dandy mulch and insecticide; keeps down aphis and drives away many other pests; gives just enough potash to induce root growth and produce that healthy color to lawns, plant foliage, bloom, and fruit. It contains no filler; every ounce available; no waste.

Nothing better to use as a winter and spring top dressing for your lawn; apply at the rate of 1000 lbs. per acre:

		By P.P.		
5 lbs.	$0.25	$0.45	100 lbs.	$3.00
10 lbs.	.45	.75	500 lbs.	13.00
25 lbs.	1.00		½ ton	26.00
50 lbs.	1.75		Ton	50.00

FLORANID UREA (BASF)

ORGANIC NITROGEN FERTILIZER

CLEAN **ODORLESS** **STAINLESS**

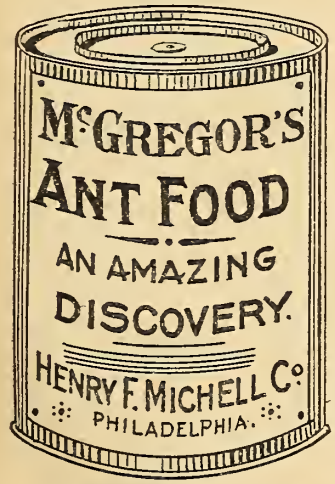


For Flowers, Vegetables, Small Fruits, Hedges, Shrubs, Lawns, Ornamental and Fruit Trees.

FLORANID is the purest and most highly concentrated nitrogenous plant food. It is fully and quickly available, a neutral, organic fertilizer which leaves no residue in the soil. It does not leach from the soil and its effect is lasting throughout the season, often longer. It produces larger and more brilliant flowers and many more blossoms on the plants; it produces rich colored foliage and vigorous growth, increasing the yield and quality of vegetables and fruits. Lawns treated with Floranid will develop a thick velvety turf, crowding out clover and weeds. Used dry or in solution.

One pound is sufficient for 250 square feet of surface. A level teaspoonful makes a gallon of liquid fertilizer.

Price: One-pound tin, 75c. (by parcel post, 85c.); Fifty-pound bags, $12.50 f. o. b. Philadelphia; f. o. b. New York, $12.00.



MacGregor's Ant Food

(Patent pending)

An Amazing Discovery

Kills Ants, Cock Roaches, Wood Lice, Snails, and certain other insects

Green-Keepers of the leading Golf Courses and hundreds of great commercial growers throughout the country feel a steadfast comfort by having at their call the use of Macgregor's Ant Food, for they realize that is is a sure-fire weapon to use against the above pests.

MacGregor's Ant Food is by no means untried. It has withstood many great tests of its ability. Through one of these tests it has won the indorsement of the E. I. duPont de Nemours Company, many leading Golf Courses, many of the greatest private estates and commercial growers.

Per ½ lb., 50c.; $1.00 per lb.; 5 lb., $4.75; $9.00 per 10 lbs.; 25 lbs., $21.85; $42.50 per 50 lbs., 100 lbs., $80.00.

Wilson's O. K. Plant Spray



For Your Flower and Vegetable Garden, Evergreens, Etc.

For Box Mite, Rose Bugs, Lace Fly, Spruce Gall, Red Spider, Aphis, Thrip and other insects. If you are having trouble with insects in your greenhouse or garden, you will find Wilson's O. K. Plant Spray will help you out in fine shape, by keeping your vegetables and flowers free from insects that otherwise would give you a lot of trouble. For a general spray, mix one part Wilson's O. K. Plant Spray with 15 parts water.

Price: 50c. per ½ pt.; qt., $1.25; $3.25 per gal.; 5 gals., $13.50; $25.00 per 10 gals.

MICHELL'S WEED KILLER



Positively destroys every kind of weed and vegetation wherever applied.

One application is usually required yearly; add 40 gallons of water to one gallon of weed killer, then sprinkle the solution upon the vegetation you wish destroyed.

One gallon will cover 150 sq. yds.; can be applied any time. It will do better work with less labor than the old way.





Just the thing for driveways, clay tennis courts, baseball diamonds, drives and walks where you want no weeds.

Weed Killer cannot be used in the garden, flower beds or on the lawn where you want to grow plants and grass.

Qt.	$0.55	5 gals.	$ 6.75
½ gal.	.90	30 gals.	33.00
Gal.	1.75	50 gals.	50.00

Weed Killer is not mailable.

CLIMAX LAWN SAND. KILLS WEEDS IN THE LAWN



This is a combination of finely ground chemicals, which, when sprinkled over the grass, possess the remarkable property of destroying Moss, Chickweed, Plaintains, Dandelion, and all other weeds on Lawns, Tennis Courts, Golf Greens, etc., at the same time promoting the growth of the finer grasses. It may be applied any time during the growing season of the year. The lawn must be absolutely dry. Ten to twelve a. m. during the months of April, May and October, nine to twelve a. m. during June, July, August and September are the best hours for application. Only apply in **fine** weather when the temperature is fairly high and when no rain appears likely for a day or two. **This is most important.** It acts as a powerful fertilizer for grasses if applied as a top-dressing in the early spring. For top dressing as a fertilizer apply ¼ ton per acre.

Quantity Required as a Weed Destroyer		Price	By P. P.
3½ lbs.	will dress 150 square feet	$0.75	$0.90
7 lbs.	will dress 250 square feet	1.35	1.60
14 lbs.	will dress 500 square feet	2.50	2.90
28 lbs.	will dress 1000 square feet	4.00	By express
56 lbs.	will dress 2000 square feet	6.50	or freight
112 lbs.	will dress 4000 square feet	12.50	collect.

JAPANESE BEETLE SPRAY "WHIZ"

HARMLESS TO HUMANS AND VEGETATION

Formula Authorized and Approved by U. S. Dept. of Agriculture



Whiz, Japanese Beetle Spray, is the result of long laboratory research and two years of practical experience in its actual use. Unlike some compounds made for similar purposes, there are no dangers attending its use. It is non-inflammable and is not injurious to any type of vegetation if used at the dilution recommended. It is non-poisonous to human beings and may be sprayed with safety on all types of fruit.

Whiz Japanese Beetle Spray may also be used for killing other insects such as plant lice, rose bugs, potato bugs, etc.

It is sold only in concentrated form and should never be used until diluted with fifteen parts of water to one part of concentrated spray. A quart can will make four gallons of spray ready for use. The diluted solution should be sprayed directly on the beetles. Whiz Japanese Beetle Spray KILLS beetles by direct contact; it does not merely repel them. Price, $1.25 per qt.

STIM-U-PLANT

PLANT STIMULANT TABLET

The Magic Fertilizer in Tablet Form

Contains highly concentrated immediately available forms of plant food for use in stimulating all fruit, flower, vegetable and ornamental plants; may be used in tablet or in liquid form. Price, per pkg. of 30 tablets, 25c.; 75c. per pkg. of 100 tablets (by parcel post, 85c.; 1000 tablets, $3.50 (by parcel post, $3.65).

PLANTABBS

ODORLESS PLANT FOOD

A concentrated odorless plant food in tablet form; clean and easy to use; they dissolve in water almost instantly and make a wonderful liquid fertilizer for potted plants or in the garden. Price, per pkg. of 30 tablets, 25c.; 50c. per pkg. of 65 tablets; 150 tablets, $1.00 (by parcel post, $1.10); $3.50 per 1000 tablets (by parcel post, $3.65).

Scientific Preparations for Roses and Other Plants

(Rosenbluth Formulae)

Excerpts from an Official Test

The American Rose Annual of 1926, published by the American Rose Society, page 78, reports the results of tests made in the Editor's garden of five preparations for eliminating Blackspot and Mildew, as follows: "* * The tests were begun May 20th, when all plants were in full leaf and growing well. * * * On July 25th, only one plot was clean, all others were spotted or scorched. * * The last observation *(of this plot)* was made October 1st, at which time it was clean and all other plots badly spotted. THE SUCCESSFUL MATERIAL WAS A PROPRIETARY PREPARATION known as FUNGTROGEN."



What Users Say

"I used Fungtrogen with the most satisfactory results. It not only successfully combats most diseases to which the rose may be subject, but stimulates the plant to vigorous growth."—F. C. P., Philadelphia, Pa.

"I have used Fungtrogen, Aphistrogen and Insectrogen this year and find they are all you claim for them. I would not be without any of them, and as a result of using them, have better roses than ever before."—C. B. C.

Fungtrogen has been used with phenomenal success at the noted Wallingford, Pa., rose gardens and other nationally known gardens.

In gardens where Fungtrogen and its companion sprays are regularly used, Brown Canker is unknown.

Ferogen

GROUND DRESSING — SOIL STABILIZER AND FERTILIZER

Spring-Summer Ground Dressing and Soil Stabilizer

A remarkable Plant Food, soil stabilizer and ground dressing for your roses. Ferogen should be cultivated into your rose beds in the early Spring and Summer. It supplies vital chemical elements and stimulates to vigorous root action and strong growth. In convenient powdered form. Ferogen reinforces stable manures.

	Prices	By P.P.
1 lb.	$0.75	$0.90
2 lbs.	1.25	1.50
5 lbs.	2.75	3.10
10 lbs.	4.75	5.25
(By Express or Freight)		
25 lbs.		$11.00
100 lbs.		40.00

Fungtrogen

FUNGICIDE · FERTILIZER

TRADE MARK

Conquers Mildew and Black Spot

A successful fungicide, highly concentrated, that mixes readily with water and is easy to apply. Harmless to foliage or blooms. Invisible. The noted Rosenbluth formula combined with the nitrogenous fertilizing product known as Hortogen, that results in increased plant vigor, superb foliage, and amazing blooms.

Fungtrogen is a highly scientific and effective preventative of most fungous diseases of the rose and works equally as well on other flowering plants, such as hollyhocks, snapdragons, geraniums, phlox, sweet peas, carnations, etc. For use outdoors and under glass.

Fungtrogen carries its own spreader, simply mix with water. Makes 60 times its volume—economical.

	Price		Price
½ pt.	$0.75	Qt.	$2.00
Pt.	1.25	½ gal.	3.50
		Gal.	$6.00

Terogen

GROUND DRESSING — FUNGICIDE · INSECTICIDE · FERTILIZER

TRADE MARK

Autumn-Winter Ground Dressing and Soil Disinfectant

Terogen destroys the spores of fungi of most diseases that have fallen to the ground, as well as the larvae of most insects, including the rose pith borers, rose bugs, aphids and most beetles. Terogen also acts as a valuable fertilizer. Makes sturdy, healthy foliage and helps to prevent chlorosis. In convenient semi-powdered form.

	Prices	By P.P.
1 lb.	$0.75	$0.90
2 lbs.	1.25	1.50
5 lbs.	2.75	3.10
10 lbs.	4.75	5.25
(By Express or Freight)		
25 lbs.		$11.00
100 lbs.		40.00

Companion Sprays to Fungtrogen That Give Your Plants Complete Protection
Use Alternately with Fungtrogen



Showing Aphis at work

Aphistrogen

APHICIDE · FERTILIZER

TRADE MARK

For Aphis—Plant Lice

This spray destroys all traces of these pests, outdoors or under glass, in two or three applications, for roses, chrysanthemums, golden glow and all others subject to plant lice. Will not discolor the foliage. Aphistrogen is complete. No soap required—simply mix with water and use. Aphistrogen is also a good plant disinfectant. Splendid for house plants.

	Prices	By P.P.
2 ozs.	$0.50	$0.60
½ lb.	1.25	1.40
2 lbs.	3.50	3.75
12 lbs.	15.00	By Express

Insectrogen

TRIPLE SERVICE

FUNGICIDE · INSECTICIDE · FERTILIZER

TRADE MARK

For Leaf Chewing Insects

A remarkably effective insecticide that rids your roses and other plants of leaf chewing insects, including caterpillars, slug worms, Japanese beetles and many blights. Use alternately as a companion spray with Fungtrogen; both carry their own spreader; only water is required. Makes 60 times its volume.

	Prices		Prices
4 ozs.	$0.60	Qt.	2.75
½ pt.	1.00	½ Gal.	4.50
Pt.	1.75	Gal.	8.00



Worm eating leaf

PARCEL POST CHARGES COVER POSTAGE AND SPECIAL PACKING REQUIRED

MICHELL'S FLOWER POTS, TUBS, ETC.



Fern Dish Liner | Earthen Fern Pan | Cedar Tub | Keystone Tub | Earthen Flower Pot | Azalea Pot | Earthen Bulb Pan | Earthenware Saucer | Krick's Pot Hanger | Eureka Pot Hanger

CEDAR TUBS

Equipped with Strong Iron Handles

These are made by hand, of the very best white cedar, painted green, bound with black iron hoops.

	Inside Diam.	Each
No. 0	24¾ in.	$11.50
No. 1	23⅜ "	10.50
No. 2	21⅜ "	9.50
No. 3	18 11/16 "	7.50
No. 4	16½ "	6.50
No. 5	14 7/16 "	5.75
No. 6	12 7/16 "	5.00
No. 7	11¾ "	4.25
No. 8	10 11/16 "	3.75

MICHELL'S KEYSTONE PLANT TUBS

Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust. Handles are sold separately at 25c. per pair, not attached to tub.

No.	Inside Diam.	Depth	Each	By P.P.
1	6 in.	6 in.	$0.75	$0.90
2	7 "	7 "	.80	.95
3	8 "	8 "	.85	1.00
4	9 "	9 "	.90	1.05
5	10 "	9 "	.95	1.10
6	11 "	10 "	1.15	1.35
7	12 "	11 "	1.30	1.50
8	13 "	12 "	1.75	2.00
9	14 "	13 "	1.85	2.10
10	15 "	14 "	2.25	2.50
11	16 "	15 "	2.35	2.65
12	17 "	16 "	2.75	3.10
13	18 "	17 "	3.25	3.75
14	19 "	18 "	4.25	4.75

EARTHEN FLOWER POTS

Height and Width inside	Each	Doz.	100	1000
1 inch	$0.02	$0.17	$1.22	$11.48
2 "	.02	.18	1.02	9.56
2¼ "	.02	.18	1.16	10.84
2½ "	.02	.18	1.35	12.75
3 "	.03	.24	1.76	16.58
3½ "	.03	.29	2.16	20.40
4 "	.04	.36	2.70	25.50
4½ "	.06	.49	3.65	34.43
5 "	.07	.65	4.85	45.90
5½ "	.08	.81	6.08	57.38
6 "	.09	.98	7.29	68.85
7 "	.15	1.62	12.15	
8 "	.22	2.34	17.55	
9 "	.33	3.60	27.00	
10 "	.45	4.86	36.45	
12 "	.91	9.90	74.25	
14 "	1.48	16.20	121.50	

CUT FLOWER VASES

(Galvanized Iron)

No.	Top Diam.	Height	Bottom Diam.	Each
65	7½ in.	8 in.	6½ in.	$0.65
66	9 "	10 "	7½ "	.80
67	9 "	11½ "	7½ "	.90
68	9 "	12½ "	7½ "	1.10
69	9 "	18 "	7½ "	1.30
70	9 "	24 "	7½ "	1.75
253	5 "	10 "	3¾ "	.55
254	5½ "	11 "	4½ "	.65
255	6½ "	12 "	5½ "	.80
257	6½ "	15 "	4½ "	1.00

AZALEA POTS

Diam.	Depth	Each	Doz.	100
5 in.	4½ in.	$0.07	$0.65	$4.86
6 "	5 "	.09	.98	7.29
7 "	6 "	.15	1.62	12.15
8 "	7 "	.22	2.34	17.55
9 "	7½ "	.33	3.60	27.00
10 "	8 "	.45	4.86	36.45
12 "	10 "	.91	9.90	74.25

EARTHEN BULB PANS

	Each	Doz.	100
6 inches diam.	$0.09	$0.98	$7.29
7 " "	.15	1.62	12.15
8 " "	.22	2.34	17.55
9 " "	.33	3.60	27.00
10 " "	.45	4.86	36.45
12 " "	.91	9.90	74.25
14 " "	1.48	16.20	121.50

PAPER FLOWER POTS

Ins. Diam.	P.P. Doz.	per doz.	100	P.P. per 100	1000
2¼	$0.12	$0.17	$0.50	$0.60	$4.45
2½	.15	.20	.60	.70	5.15
3	.18	.23	.80	.95	7.05
3½	.20	.25	1.00	1.15	9.15
4	.25	.35	1.30	1.50	11.40
5	.30	.40	2.00	2.25	17.75
6	.45	.55	2.70	3.00	22.00

FERN DISH LINERS

Very shallow, for inside of fancy silver or porcelain ferneries.

Width	Height	Each	Doz.	100
7 in.	1⅞ in.	$0.22	$2.16	$14.40

EARTHEN FERN PANS

Width	Height	Each	Doz.	100
4 in.	1⅞ in.	$0.06	$0.54	$4.05
4¾ "	2⅛ "	.07	.72	5.40
5½ "	2¼ "	.09	.90	6.75
6¼ "	2½ "	.10	1.08	8.10
7 "	2⅝ "	.12	1.26	9.45
8 "	3⅜ "	.17	1.80	13.50
9 "	3¼ "	.20	2.16	16.20

Note—Earthenware cannot be packed for shipment by Parcel Post.

EUREKA POT HANGERS

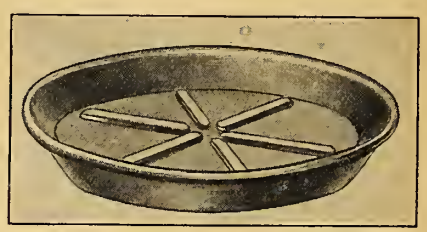
15c. each; doz., $1.50 (by parcel post, $1.70); $10.00 per 100.

KRICK POT HANGERS

	Each	Doz.	P.P.
No. 1	$0.07	$0.60	$0.65
No. 2	.08	.70	.75
No. 3	.09	.80	.85

EARTHENWARE SAUCERS

	Each	Doz.	100
4 inches	$0.03	$0.27	$2.03
5 "	.04	.36	2.70
6 "	.06	.54	4.05
7 "	.07	.72	5.40
8 "	.10	.99	7.43
9 "	.14	1.35	10.13
10 "	.15	1.62	12.15
11 "	.19	1.98	14.85
12 "	.23	2.43	18.23
14 "	.37	4.05	30.38

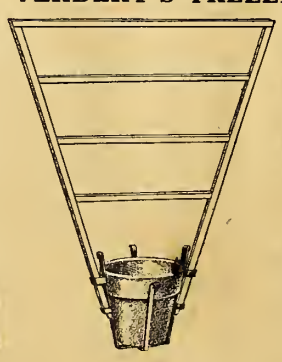


RUBBER SAUCERS

Durable and waterproof.

No.		Each	P.P. Each	Doz.
1	4½ inch	$0.20	$0.25	$2.25
2	5¼ "	.25	.35	2.75
3	6¼ "	.30	.40	3.25
4	7¼ "	.35	.45	4.00
4A	8¼ "	.40	.50	4.75
5	9½ "	.50	.60	5.75
6	10¼ "	.70	.80	8.25
7	12¾ "	.85	1.00	10.00

VERDERY'S TRELLIS HOLDER



Simply perfect; trellis locked in holder as long as pot is in place; made of good quality steel; trellis of well-seasoned wood.

Size for	Each
4-in. pot.	$0.75
5-in. pot.	.90
6-in. pot.	1.00
7-in. pot.	1.25

SHERWIN-WILLIAMS PAINTS & VARNISHES



On account of the many demands and inquiries made by our customers, we have been compelled to include Paints, etc. in our up-to-date Sundry Department, and are now in a position to furnish everything the gardener, florist and farmer will require to keep their places in up-to-the-minute condition.

After months of careful research and investigation we have decided to stock the **World Renown Brand—SHERWIN-WILLIAMS PAINT,** feeling sure that by doing so it will be in keeping with our high standard of quality.

Complete color sheets furnished free on request and information cheerfully given on any of your painting problems.

Send for free book "How to Paint Your Home and Color Schemes."



S. W. P.

A prepared paint for buildings, outside and inside.

This is the most durable and economical paint that can be made. It is made in one quality only, and that is the very best. It is prepared ready for use in a consistency as heavy as is ever required.

Made in 32-popular colors.

	½ Pt.	Pt.	Qt.	Gal.
Regular Colors	$0.35	$0.60	$1.10	$3.85
Flat White	.40	.65	1.15	4.05
Outside Gloss White	.40	.65	1.15	4.05
China Gloss White	.40	.65	1.15	4.05
French Crown Green 362	.45	.70	1.20	4.30
Moss Green 498	.45	.70	1.20	4.30

Color card sent on request.

ROOF AND METALLIC PAINT

Roof and Metallic Paint is a utility paint for use on roofs, bridges, iron fences, corn-cribs and other structures of metal and rough lumber. It has a covering capacity of approximately 300-square feet, two coats, per gallon, on smooth surface.

It can be supplied in the following colors:

	Gal.	5 Gals.
Red, Brown, Black, Bronze Green	$1.75	$8.50
Gray Slate	1.95	9.50

Color card sent on request.

MAR-NOT

For Floors

Is extremely tough and durable and has great elasticity so that the scuffling of heels and moving furniture will not mar the film. The wood will dent and the varnish film will "give" with the dent but it won't crack. Absolutely waterproof. Per ½ pt., 50c.; 80c. per pt.; qt., $1.45; $5.00 per gal.

BRUSHES

The Brushes we offer are of the finest quality only, feeling sure that our customers will get much better satisfaction from a high grade brush than the second or third grade article. All of the Brushes are made of the finest bristles and are rubber set so that the bristles will not come out.

Varnish Brushes	Each
1-inch Flat	$0.35
2-inch Flat	.70
3-inch Flat	1.30

Sash Tools	Each
No. 2	$0.20
No. 4	.25
No. 6	.35

Wall Brushes	Each
3-inch	$0.60
3½-inch	.75
4-inch	1.00

PORCH, BARN AND FENCE PAINT

Probably no finish gets as many varied abuses as the porch floor paint. It is walked on, furniture is dragged over it and it must withstand the hot sun, hard rains and extremes of temperature. Sherwin-Williams Porch and Deck Paint is made of materials that gives unusual toughness with the necessary elasticity to stand these hard knocks. It dries with a good gloss which makes it easy to keep clean. Repeated scrubbing will not dull the finish. Per qt., $1.10; $3.85 per gal.

Color card sent on request.

SHINGLE STAIN

This is ideal for use on shingle roofs and sidings. They are penetrating stains—not thin paints that wash off or fade. They contain refined creosote and other liquids that penetrate and stain the wood to a considerable depth.

This can be furnished in 10 colors.

	Gal.	5 Gals.
Brown, All Shades	$1.50	$7.00
Red, All Shades	1.50	7.00
Green, All Shades	1.75	8.25
Gray	1.95	9.25

Color card sent on request.

SCAR-NOT

For Furniture and Woodwork

Dries with a deep lustre; will not scratch white and is very durable for its purpose. Scar-Not would not stand the scuffling of feet but it is ideal on all upstanding woodwork. Water will not affect it. Per ½ pt., 50c.; 80c. per pt.; qt., $1.45; $5.00 per gal.

ACCESSORIES

	Each
Singl-Wheel Glass Cutters	$0.15
6-Wheel Glass Cutters	.40
Putty Knives	25c to .75
Putty 2½ lb. cans, 25c; 1.10 per 12½ lb. can	
Whitewash Brushes, 7-inch	1.25
Fitches—	
¼-inch	.15
½-inch	.20
¾-inch	.25

FLAT-TONE

The Interior Flat Wall Paint

A flat oil paint made especially for walls and ceilings where it will prove extremely durable and economical. The colors can be intermixed to make an endless variety of in-between shades, and with the aid of a sponge, beautiful stipple effects can easily be secured by the amateur. Made in 14-popular colors. Per ½ pt., 30c.; 50c. per pt.; qt., 85c.; $2.90 per gal.

Color card sent on request.

ENAMELOID

The Decorative Enamel

The ideal enamel for the amateur. Flows easily and smoothly under the brush, leaving a beautiful gloss finish free from brush marks and "laps". Made in 14-colors, Black and White. Enameloid is highly recommended for use on furniture, wickerware, woodwork, and for bathroom and kitchen walls and ceilings. Regular colors and white, 30c. per ¼ pt.; ½ pt., 55c.; 90c. per pt.; qt., $1.60; $5.75 per gal. Carmine, Orange, Maroon, Grass and Willow Green and Yellow, 35c. per ¼ pt.; ½ pt., 65c.; $1.05 per pt.; qt., $1.95; $7.00 per gal.

Color card sent on request.

REXPAR

Outside Spar Varnish

Made to withstand the roughest weather; has great elasticity to accommodate extremes of temperature and all the water in the world cannot hurt it or turn it white. Clings tenaciously to the surface and gives absolute protection for the longest possible period of time. Per ½ pt., 55c.; 95c. per pt.; qt., $1.70; $6.00 per gal.

FLO-LAC

The All-Around Varnish Stain

An excellent product that varnishes and stains in one operation. Made from strong, permanent stains and mixed with Mar-Not Varnish. Matches the natural woods almost perfectly. Can be used on new wood, or on previously finished surfaces by first applying a coat of Flo-Lac Ground. Is extremely durable and waterproof.

Made in six colors and Ground. Is easily grained with ordinary tool.

	¼ Pt.	½ Pt.	Pt.	Qt.	Gal.
Colors	$0.30	$0.50	$0.85	$1.55	$5.50
Ground	.30	.45	.75	1.30	4.50

MICHELL'S INSECT DESTROYERS, ETC.

DIRECTIONS FOR USING ANY OF THE FOLLOWING WILL BE FOUND ON EACH PACKAGE.



PLEASE NOTE: Insecticides marked * cannot be sent by parcel post. Where others are wanted in this way, add for postage as follows: 10c. for 1 lb.; 15c. for 2 lbs.; 20c. for 5 lbs.; 30c. for 10 lbs.

Ant Destroyer (*MacGregor's*). For exterminating ants, cock roaches, wood-lice, snails and many other insects. Per ½ lb., 50c.; $1.00 per lb.; 5 lbs., $4.75; $9.00 per 10 lbs.; 25 lbs., $21.85; $42.50 per 50 lbs.; 100 lbs., $80.00.

***Aphine.** For destroying aphis, green fly, thrip, red spider and other greenhouse and outdoor insects. It dilutes readily in water about 1 part to 40 of the latter. Per ¼ pt., 30c.; 45c. per ½ pt.; pt., 70c.; $1.15 per qt.; gal., $3.25.

Aphis Punk. A paper that has been thoroughly saturated with nicotine. Used for fumigating, giving off dense fumes of nicotine. Excellent for aphis, thrip, white and green fly, also red spider. Contains 22½% of nicotine. Guaranteed effective if used within 6 months of the date on the container; each package contains 12 sheets, 33 x 6 inches or 16½ sq. ft.; this is in excess of competitive products, so the Aphis Punk is the most economical product of its kind to use. (For use in greenhouses only). Per pkg. of 12 sheets, $1.00; $9.50 per case of 12 pkgs.

Aphistrogen. Makes a complete spray for aphis (plant lice) and most sucking insects; prepared especially for roses and other plants. Per 4 oz., 75c.; $1.25 per ½ lb.; $3.50 per 2 lbs.; 12 lbs., $15.00.

***Arsenate of Lead** (*Coated*). Especially valuable for protecting foliage against the Japanese Beetle, covers and sticks like paint. Per lb., 50c.; $1.00 per 2½ lbs.; 10 lbs., $3.50; $15.00 per 50 lbs.; 100 lbs., $25.00.

***Arsenate of Lead** (*Powdered*). 1 lb. to 1½ lbs. dilutes to 50 gals. of water or may be used dry like Paris Green. Per ½ lb., 30c.; 50c. per lb.; 5 lbs., $2.25; $4.00 per 10 lbs.; 25 lbs., $8.00; $27.00 per 100 lbs.

***Black Leaf 40.** Per 1 oz. bottle, 35c.; $1.25 per ½ lb.; 2 lbs., $3.50; $13.50 per 10 lbs.

***Bordo Lead** (*Powdered*). Has all the advantages of the paste form, but goes farther and is easier to handle. Per ½ lb., 25c.; 45c. per lb.; 5 lbs., $2.00; $3.50 per 10 lbs.; 25 lbs., $7.50; 100 lbs., $25.00.

***Bordeaux Mixture** (*Powder*). 12½% copper mixture, for spraying purposes. Per ½ lb., 25c.; 40c. per lb.; 5 lbs., $1.75; $3.00 per 10 lbs.; 25 lbs., $6.00; $22.00 per 100 lbs.

Bug Death. Largely used instead of Paris Green; it is claimed to have the same effect. The manufacturers say that it acts as a fertilizer as well as an insecticide. It comes in powder form and is applied pure. Not poisonous to persons. Per lb., 18c.; 45c. per 3 lbs.; 5 lbs., 75c.; $1.50 per 12½ lbs.; 100 lbs., $8.75.

Calcium Casenate. Used as a spreader to mix with other insecticides which do not mix readily. Per 5 lbs., $1.25; $2.40 per 10 lbs.; 25 lbs., $5.00.

***Carbolineum** (Now known as Protexol). A germicide and disinfectant for purifying poultry houses, stables, etc. Per gal., $1.50; $7.00 per 5 gals.

***Copper Solution.** Made of sulphate of copper and other materials. Excellent spray for carnation rust and diseases of the grape, pear, apple and other fruits. A good thing to use for leaf blight and mildew. It is diluted in water. Per qt., $1.50; $4.00 per gal.

***Cyanegg.** For generating Hydrocyanic Acid Gas. Claimed to be the best remedy for killing white fly. Do not use on Sweet Peas. Per lb., 75c.; $3.00 for 5 lbs.

***Cyanogas** (*Calcium Cyanide*). A valuable insecticide for greenhouse fumigation, for destroying aphis, white fly, soft scale, thrips, etc. It is scattered along the walks, and the house closed for the night. Per lb., 75c.; $3.00 per 5 lbs.; 25 lbs., $10.00; $30.00 per 100 lbs.; Descriptive circular free.

***Derrisol.** A highly concentrated, odorless insecticide for the control of plant lice, leaf hopper, green flies, thrips, red spider, etc. Per ½ lb. bottle, $1.20; $2.00 per 1 lb. can; 2 lb. can, $3.00; $12.00 per 10 lb. can.

Fish Oil Soap. An excellent summer spray, when something stronger cannot be used, where San Jose Scale exists. It is nice for washing off lemon trees, oleanders and almost anything that would be infested with soft-shelled or in fact most any kind of insect. Dissolved in water according to various purposes. 25c. per lb.; 5 lbs., $1.00; $1.75 per 10 lbs.; 25 lbs., $3.75; $6.00 per 50 lbs.; per 100 lbs., $10.50.

Fish Oil Soap (*Good's Caustic*). Used extensively as a tree spray and as a summer remedy for San Jose Scale; it comes in a soft soap form and is easily dissolved, 1 lb. to 10 gals. water. Per lb., 25c.; $1.10 per 5 lbs.; 10 lbs., $1.85; $3.75 per 25 lbs.; 50 lbs., $6.00; $10.50 per 100 lbs.

Fish Oil Soap (*Rosin*). Especially recommended for the destruction of boxwood maggot, bag worm and caterpillars. Per 5 lbs., $1.50; $2.75 per 10 lbs.; 25 lbs., $4.50; $7.50 per 50 lbs.; 100 lbs., $13.00.

***Fungicide** (*Zenke's*). For various forms of fungous diseases. Per ½ pt., 35c.; 60c. per pt.; qt., $1.00; $2.00 per ½ gal.; gal., $3.50.

***Fungtrogen.** A highly concentrated form of fungicide that will conquer mildew and control black spot on roses. It also supplies an essential fertilizer. Dilutes 1 part with 60 parts of water. 75c. per ½ pt.; pt., $1.25; $2.00 per qt.; ½ gal., $3.50; $6.00 per gal.

Getz there Soap. Ideal for washing palms and spraying in place of Fish Oil Soap. 2 lbs., 65c.; $1.75 for 8 lbs.; 25 lbs., $5.00.

Grape Dust. A powder preparation used for mildew, aphis, black fly and other insects and fungous diseases, principally in greenhouse. Per 5 lbs., $1.00; $1.85 per 10 lbs.

***Hellebore.** The ideal material for destroying rose bugs, currant worms, and other soft-shelled insects that infest the garden. It can be applied dry or in liquid form. 35c. per ½ lb.; lb., 60c.; $2.75 per 5 lbs.

***Insectrogen.** A complete spray for leaf chewing insects, including caterpillars, rose slug worms and Japanese Beetles. Per ½ pt., $1.00; $1.75 per pt.; qt., $2.75; $4.50 per ½ gal.; gal., $8.00.

***Japanese Beetle Spray "Whiz".** Kills Japanese Beetles by direct contact; non-poisonous to human beings and may be sprayed with safety on all types of fruits; may also be used for killing other insects. Dilute 1 part in 15 parts of water. Per qt., $1.25.

***Kerosene Emulsion** (*Liquid Miscible Oil*). Diluted in water this makes an excellent spray for all mild forms of scale, and soft lice of any kind such as infest rose and fruit bushes, vegetables and trees. Dilutes 1 part to 20 parts of water. 50c. per pt.; 90c. per qt.; gal., $1.75; $7.50 per 5 gals.

***Lemon Oil Insecticide.** The best and cheapest insecticide in the market. Used by nearly all the leading growers. It effectually destroys mealy bug, scale, thrip and red spider. Per ½ pt., 35c.; 60c. per pt.; qt., $1.00; $1.75 per ½ gal.; gal., $3.00; $12.00 per 5 gal. keg.

MICHELL'S INSECT DESTROYERS, ETC.

DIRECTIONS FOR USING ANY OF THE FOLLOWING WILL BE FOUND ON EACH PACKAGE

PLEASE NOTE **Insecticides marked * cannot be sent by parcel post.** Where others are wanted in this way add for postage as follows: 10c. for 1 lb.; 15c. for 2 lbs.; 20c. for 5 lbs.; 30c. for 10 lbs.

***Lime Sulphur.** For scale insects on trees and shrubs, and such fungous diseases as can be treated in winter or early spring; also for leaf curl of peaches. Per qt., 45c.; 75c. per ½ gal.; gal., $1.15; $4.00 per 5 gals.; ½ bbl. (30 gals.), $10.50; $15.00 per bbl. (50 gals.).

Lime Sulphur (*Dry Powder Form*). Dilute 1 lb. to 6 gals. of hot or cold water. Per lb., 35c.; $1.40 per 5 lbs.; 10 lbs., $2.50; $4.50 per 25 lbs.; 50 lbs., $8.00; $14.00 per 100 lbs.

CARBONDALE HYDROMETERS

For testing the gravity of Lime-Sulphur solution; one should be in the hands of every man who uses this material. Price, $1.25 (by parcel post, $1.35).

Mag-O-Tite. Protects crops against the ravages of the root maggot and other garden pests; also eradicates earth worms from lawns and putting greens. Not injurious in any way to plant life, but is a valuable stimulant and fertilizer. In powder form, ready for use. Per lb., 50c.; $1.50 per 5 lbs.; 25 lbs., $5.00; $9.00 per 50 lbs.

***Melrosine.** An efficient Rose Bug remedy. A powerful and highly concentrated insecticide, used as a spray when diluted with from 20 to 25 times its bulk of water. Per 6 oz., 50c.; $1.00 per pt.; qt., $1.75; $3.25 per ½ gal.; per gal., $6.00.

***Mo Lo.** A preparation for destroying and driving away moles. Per pkg., 25c.

***Niagara "Six Little Dusts."**

No. 1. Entodust. For chewing insects. Per lb., 40c.

No. 2. A-1 Dust. For sucking insects. Per lb., 60c.

No. 3. D-6 Dust. For mildew, blights, etc., on vegetables. Per lb., 45c.

No. 4. Pomodust. For mildew, blights, etc., per lb., 35c.

No. 5. D-20 Dust. For mildew, blights, etc., and to kill chewing insects on vegetables. Per lb., 50c.

No. 6. All-in-One-Dust. For preventing disease and attacks of insect pests. Per lb., 60c.; $2.75 per 5 lbs.; 25 lbs., $12.50; $40.00 per 100 lbs.

***Nico Fume** (*Liquid*). For use as a spray or vapor, for controlling green fly, aphis, etc., in greenhouses and outdoors. Per ¼ lb., 85c.; $2.25 per lb.; 4 lbs., $7.50; $14.00 per 8 lbs.

Nico Fume Paper. For fumigating greenhouses; gives off dense fumes charged with nicotine. Per box of 24 sheets, $1.50; $5.50 for 144 sheets; 288 sheets, $10.00.

***Nico Fume Fumigating Powder.** A tobacco powder highly charged with nicotine; splendid for fumigating greenhouses. Per lb. can, $1.15; $4.25 for 5 lbs.; 10 lbs., $8.00.

***Nikoteen** (30%). One of the very best forms of tobacco or nicotine preparations; usually diluted in water; makes a most satisfactory spray as well as vapor. Per 1 oz. bottle, 30c.; 45c. per 1¾ oz. bottle; ½ lb. bottle, $1.35; $2.25 per lb.; 4 lbs., $7.00; $12.50 per 8 lbs.

***Nikoteen** (40% solution). Per 4 lbs., $7.50; $14.00 per 8 lbs.

Para Dichlorobenzine. For peach tree borers; full directions on each package. Can be used successfully only during August and September, the makers claim it is not effective if used at other seasons. Do not use on very young trees. Ask for descriptive circular. Per 1 lb. can, 65c.; $2.50 per 5 lb. can; 10 lb. can, $4.50; $11.00 per 25 lb. keg; $33.00 per 100 lb. keg.

***Paris Green.** A poisonous powder for potato bugs, worms, caterpillars, slugs, etc. It may be used in liquid form 1 pound in 50 gallons of water, or with Land Plaster at the rate of 1 pound of Paris Green to 100 pounds Land Plaster. Per ¼ lb., 15c.; 30c. per ½ lb.; lb., 55c.; $2.50 per 5 lbs.; $5.00 per 14 lbs.

Protexol. Formerly called Carbolineum.

Pyrethrum Powder. Valuable as a poison for plant lice, water bugs, roaches, etc., also the strawberry moth. Per lb., 75c.; $3.25 per 5 lbs.; 10 lbs., $6.25.

***Pyrox** (*Bowker's*). A combined insecticide and fungicide for all leaf eating insects, blights and fungous troubles; it is a pasty substance and needs only to be mixed with cold water. Per lb., 50c.; $2.00 per 5 lbs.; 10 lbs., $3.50; $7.00 per 25 lbs.; 50 lbs., $12.50; $21.00 per 100 lbs.; 300 lbs., $58.50.

Rat Paste (*Zelio*). The most efficient poison for destroying rats, mice and other rodents. Per 2 oz. tube, 50c.

***Scalecide.** Used for the destruction of the San Jose Scale. Dilute at the rate of one gallon Scalecide to 20 gallons water. Scalecide does not clog nozzles, hose or pump, and is pleasant to use. Spray during the winter or early spring when the trees are dormant. Per qt., 75c.; $1.75 per gal.; 5 gals., $6.25; $10.75 per 10 gals.; 30 gals., $26.00; $38.00 per 50 gals.

***Shoo Fly.** For keeping flies off cattle and horses; used with a spray or a sponge; the cattle and horses are either sprayed or rubbed with the preparation in the morning before being put in the field or out to their day's work. Per qt., 55c.; $1.50 per gal.

Slug Shot. The standard remedy for currant worms, rose slugs, cabbage worms, and almost any soft-shelled insects that infest the vegetable or flower garden. Per 1 lb. carton, 20c.; 60c. per 5 lbs.; 10 lbs., $1.20; $2.75 per 25 lbs.; 100 lbs., $11.00; full barrel lots (about 250 lbs.), 10c. per lb.

***Soap Spray** (*Imp.*). An all around outdoor and greenhouse insecticide. Per pt., 65c.; $1.00 per qt.; gal., $3.00; $12.00 per 5 gals.; 10 gals., $22.50.

Sodium Cyanide. (See Cyanegg.)

***Sulphate of Copper.** For destroying fungous diseases of all kinds; also used in making Bordeaux mixture, and for spraying potato vines in connection with Paris Green. Where used as a Bordeaux mixture it requires four pounds sulphate of copper to 6 pounds lime, which is diluted in 50 gallons of water. Per lb., 15c.; 65c. per 5 lbs.; 10 lbs., $1.20; $2.75 per 25 lbs.; 100 lbs., $10.00.

Sulphur. Used principally in greenhouses for checking mildew. It is also used as a preventive and cure for San Jose Scale, when it is used in connection with lime and salt. Per lb., 10c.; 45c. per 5 lbs.; 10 lbs., 85c.; $2.00 per 25 lbs.; 100 lbs., $7.50.

Sulphur Candles. For fumigating in sick-rooms, also in conservatories and greenhouses. Large, 25c. each; per doz., $2.75; small, 15c.; each per doz., $1.65.

***Sunoco Spray Oil.** For the control of scale insects, red spider, aphis, thrip, etc.; cheap, effective and pleasant to handle. Per ½ gal., $1.00; $1.50 per gal.; 5 gals., $5.75; $12.00 per 15 gals.; 30 gals., $20.00; $26.00 per 50 gals.

***Tanglefoot Fly Spray.** A liquid insecticide for quickly exterminating flies, moths, mosquitoes, fleas, etc. Per ½ pt., 40c.; 65c. per pt.; qt., $1.25; $3.50 per gal.

***Thrip Juice** (*Hammond's No. 2*). This preparation is very effective against aphis, red spider, mealy bugs and sucking insects generally. Per pt., 85c.; $1.40 per qt.; gal., $4.25.

Tobacco Dust (*For Dusting*). Excellent for lettuce and other plants to destroy soft, creeping insects. Per 1 lb. can with sifter top, 25c.; 40c. per 5 lbs.; 10 lbs., 60c.; $1.35 per 25 lbs.; 50 lbs., $2.50; $4.75 per 100 lbs.

Tobacco Dust (*For fumigating*). A specially prepared article. Per lb., 10c.; 45c. per 5 lbs.; 10 lbs., 85c.; $1.75 per 25 lbs.; 50 lbs., $3.25; $6.00 per 100 lbs.

Tobacco Soap (*Sulpho*). A combination of tobacco extract and sulphur; fine for washing and spraying plants; dissolve in warm water. Per 3 oz., 15c. (by P. P., 20c.); 25c. per 6 oz., (by P. P. 30c.

Tobacco Stems (*Fresh*). Used principally for fumigating and under benches in greenhouse. They may also be steeped in hot water and used as a spray. Per lb., 10c.; 30c. for 5 lbs.; 10 lbs., 50c.; $1.00 for 25 lbs.; large bales at 2c. per lb.; ½ ton, $15.00; $27.50 per ton.

Tree Tanglefoot. A paste preparation for painting around the trunks of trees, in the form of a band. Caterpillars and other crawling pests cannot get over it. Per lb., 50c.; $2.40 per 5 lbs.; 10 lbs., $4.50; 25 lbs., $9.25.

***Volck.** A spray for the garden, nursery and greenhouse; effectively controls red spider, mites, white flies, scales, mealy bugs, caterpillars, aphis, thrip, etc.; not only kills the insects but also acts as a repellant. Per ½ pt., 50c.; 75c. per pt.; qt., $1.00; $3.00 per gal.; 5 gals., $12.50; $24.00 per 10 gals.; 14 gal. drums, $25.00; 28 gal. drums, $40.00.

***Wilson's O. K. Plant Spray.** A powerful yet harmless and efficient insecticide for aphis, red spider, mildew, scale, etc., for inside and outside spraying. Per ½ pt., 50c.; $1.25 per qt.; gal., $3.25; $13.50 for 5 gals.; 10 gals., $25.00.

Worm Destroyer (*For earth worms*). This is a powder and is distributed over a given surface and soaked with water, which causes the worms to come to the surface, where they may be scooped up readily and further destroyed. It acts as a fertilizer as well as worm destroyer. Per 100 lb. bag, $4.00; $18.50 per 500 lbs.; per ½ ton, $32.50; $60.00 per ton.

***X. L. All Insecticide Compound.** An excellent preparation for spraying; harmless to very delicate plants. For mealy bug, red spider and other insect pests. Per gal., $8.00.

MICHELL'S HIGH GRADE FERTILIZERS

PLEASE NOTE.—No smaller quantity of Fertilizer than here offered can be supplied.



All prices on Fertilizers subject to market changes.

Acid or Rock Phosphate (16%). Apply 1000 lbs. per acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis. 5 lbs., 35c.; 65c. per 10 lbs.; 25 lbs., $1.25; $3.50 per 200 lbs.; ½ ton, $13.50; $25.00 per ton.

Adco. A bacterial food for making artificial manure, by mixing it with leaves, grass cuttings, green weeds or, in fact all the many wastes that accumulate during the garden year and applying water, the product is a clean manure. 25 lb. bag, $2.00; $10.50 per 150 lb. bag; 600 lbs., $42.00; $145.00 per 2100 lbs.

Ashes, Hard Wood. Apply 1000 lbs. per acre. Indispensable for all crops requiring potash; excellent for mixing with potting soil. For top dressing lawns and grass fields it is applied to best advantage either in very early spring or late fall. 25 lbs., $1.00; $1.75 per 50 lbs.; 100 lbs., $3.00; $5.00 per 200-lb. bbl.; ½ ton, $22.50; ton, $40.00.

Asparagus Fertilizer. A mixture that promotes the root and top growth. Apply 800 lbs. per acre. 25 lbs., $1.00; $1.75 per 50 lbs.; 100 lbs., $3.00; $5.00 per 200 lbs.; ½ ton, $22.50; ton, $40.00.

Bacteria for Leguminous Crops. (See *Mulford Culture* and *Nitragin.*)

Blood (*Dried*). For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. One of the quickest acting fertilizers. 5 lbs., 60c.; $1.00 per 10 lbs.; 25 lbs., $2.00; $3.50 per 50 lbs.; 100 lbs., $6.00; $11.00 per 200 lbs.

Blood Flour. Very finely bolted. 5 lbs., 65c.; $1.10 per 10 lbs.; 25 lbs., $2.25; $4.00 per 50 lbs.; 100 lbs., $7.00; $13.00 per 200 lbs.

Bone (*Coarse Ground*). Apply 800 to 1000 lbs. per acre. Prepared from raw bone, exactly like bone meal, except that it is not so fine or quick in action; it is used for the same purpose. 200 lb. bags only. $8.00 per 200 lbs.; ½ ton, $35.00; $65.00 per ton.

Bone Flour. Finely pulverized and bolted. Effective immediately. For rose growing this cannot be excelled. Rich in phosphoric acid and ammonia. Apply 600 lbs. per acre. 5 lbs., 50c.; 85c. per 10 lbs.; 25 lbs., $1.50; $2.75 per 50 lbs.; 100 lbs., $5.00; $8.00 per 200 lbs.; ½ ton, $35.00; $65.00 per ton.

Bone Meal (*Michell's Special Grade*). Unusually rich in nitrogen and phosphoric acid, the two principal plant foods. We recommend this especially for lawns, gardens and greenhouses, or any purpose where a high-class fertilizer counts. Apply 800 to 1000 lbs. per acre. 3 lbs., 25c.; 40c. for 5 lbs.; 10 lbs., 65c.; $1.25 for 25 lbs.; 50 lbs., $2.25; $4.00 per 100 lbs.; 200 lbs., $7.50; $32.50 per ½ ton; ton, $60.00.

Carnation Food (*Springfield*). Invigorates root action, strengthens stem and calyx, intensifies the color, adds lasting qualities to the blooms, and insures a larger and more perfect crop. 25 lbs., $1.75; $3.00 per 50 lbs.; 100 lbs., $5.00.

Chrysanthemum Manure (*Thomson's Special*). Especially recommended and used by the leading private gardeners of England and America. Very highly concentrated. 28-lb. sack, $4.00; $7.00 per 56-lb. sack.

Clay's Fertilizer. An English chemical fertilizer, for forcing greenhouse plants and vegetables. It can be used in either dry or liquid form. 28 lbs., $3.75; $6.25 per 56 lbs.; 112 lbs., $12.00.

If small quantities of Fertilizers listed are wanted by parcel post, please add for postage as follows: 15c. for 3 lbs.; 20c. for 5 lbs.; 30c. for 10 lbs.

Cotton Seed Meal. Apply 800 lbs. per acre. Exceedingly rich in potash and ammonia, making it excellent for use as a grass and grain fertilizer; for putting greens it is invaluable. 5 lbs., 35c.; 60c. for 10 lbs.; 25 lbs., $1.25; $2.25 for 50 lbs.; 100 lbs., $4.25; $7.75 per 200 lbs.; ½ ton, $36.00; $70.00 per ton.

Cow or Cattle Manure (*Shredded*). One sack of this is equal to one cartload of cow manure in regular form. Convenient to handle, making it possible for everyone to get this usually scarce article at all times. Especially suited for soil mixing, mulching and liquid manuring. Apply 1000 lbs. per acre. 5 lbs., 45c.; 70c. for 10 lbs.; 25 lbs., $1.25; $2.00 for 50 lbs.; $3.75 per 100 lbs.; 500 lbs., $18.00; $33.00 per ½ ton; ton $60.00.

Cow or Cattle Manure (*Pulverized*). Thoroughly sterilized and weedless. Quick in action and especially desirable for pot plants, etc. $3.75 per 100 lbs.; 500 lbs., $18.00; $33.00 per ½ ton; ton, $60.00.

Ferogen. A spring and summer ground dressing; reinforces any manure fertilizers you may use. Per lb., 75c.; $1.25 per 2 lbs.; 5 lbs., $2.75; $4.75 per 10 lbs.; 25 lbs., $11.00; $40.00 per 100 lbs.

Floranid. A highly concentrated organic nitrogen fertilizer for vegetables, flowers, shrubs, lawns, etc.; ½ lb. is sufficient to treat 100 square feet of ground. Full directions on each package. Per lb., 75c.; $12.50 per 50 lb. bag, (f. o. b. Phila.). F. o. b. New York, $12.00 per 50 lb. bag.

Horn Shavings. Used principally for mixing in potting soil; rich in ammonia; especially valuable in chrysanthemum growing. 5 lbs., 70c.; $1.25 for 10 lbs.; 25 lbs., $2.50; $4.00 for 50 lbs.; 100 lbs., $7.50.

Hortobacco (*Michell's*). A fertilizer manufactured from a tobacco base; for lawns, putting greens, flower and vegetable gardens, etc.; also acts as an efficient insecticide. Per 5 lbs., 25c.; 45c. per 10 lbs.; 25 lbs., $1.00; $1.75 per 50 lbs.; 100 lbs., $3.00; $13.00 per 500 lbs.; ½ ton, $26.00; $50.00 per ton.

Humus (*Alphano Prepared*). An excellent article to incorporate with poor soil in the garden, greenhouse or in potting plants. When used in garden work, the ground should be covered with ½ to 2 inches of Humus and spaded in. Price, f. o. b. Philadelphia, 5 lbs., 35c.; 60c. for 10 lbs.; 25 lbs., 85c.; $1.35 per 50 lbs.; 100 lbs., $2.25; $10.00 per 500 lbs.; ½ ton, $15.00; $25.00 per ton.

Humus (*Natural*). Not a prepared or chemical fertilizer but pure vegetable Humus, that has been decayed. Excellent for top dressing lawns; especially adapted to golf course construction and compost for golf greens; also valuable for the garden and for pot plants. Price, in car lots only, $8.00 per ton, f. o. b. Alphano, N. J.

Kainit (*Potash Salts*). Apply 800 to 1000 lbs. per acre. Excellent for potatoes, corn and other grains; also for top dressing asparagus beds, etc. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., 90c.; $1.50 per 100 lbs.; 200 lbs., $2.75; $12.00 per ½ ton; ton, $22.00.

Land Plaster. Used for top dressing newly plowed land prior to harrowing and for sweetening the soil on lawns and fields; also used for mixing with Paris Green. Apply 1500 to 2000 lbs. per acre. 40c. for 10 lbs.; 25 lbs., 85c.; $1.25 for 50 lbs.; 100 lbs., $2.00; $3.75 for 200 lbs.; ½ ton, $16.00; $30.00 per ton.

MICHELL'S HIGH GRADE FERTILIZERS

PLEASE NOTE—No smaller quantity of Fertilizer than here offered can be supplied.

Lawn Dressing and Fertilizer (*Michell's*). This is a complete balanced fertilizer for lawns, grass plots, fairways and putting greens. It is complete in every way and will produce wonderful results. Apply at the rate of 1000 lbs. per acre. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., $1.00; $1.75 per 50 lbs.; 100 lbs., $3.00; $27.50 per ½ ton; ton, $50.00.

Lawn Sand (*Climax*). For destroying weeds in the lawn without injury to the grass; also acts as a fertilizer. For best results follow directions on the package; 3½ lb. tin, 75c.; $1.35 for 7 lbs.; 14 lbs., $2.50; $4.00 per 28 lbs.; 56 lbs., $6.50; $12.50 per 112 lbs.

Lime (*Hydrated or Powdered*). This is a very fine article for distributing on grass. Promotes growth, gives the grass a rich color and has a tendency to prevent the growth of weeds. Apply one ton per acre. 10 lb. box, 50c.; $1.10 per 50 lbs.; 100 lbs., $2.00; $9.00 per 500 lbs.; ½ ton, $16.00; $30.00 per ton.

Limestone (*Pulverized*). For applying on sour or worn out soils at the rate of 1 ton per acre. Put up in 100-lb. bags. $2.00 per 100 lbs.; 500 lbs., $8.50; $15.00 per ½ ton; ton, $25.00.

Manure (*Fresh Horse, Stockyard and Cow*). At short notice we can usually supply first-class horse, cow and stockyard manure in carload lots only. Prices on request.

Mulford Culture. For inoculating clovers and other legumes, such as beans, peas and such other plants that have blossoms similar in shape and form to the above named. The application of bacteria to the seed of these legumes when planting practically trebles the nitrogen-gathering powers and for this reason we urge all planters to use it. In ordering, please state what crops you wish to inoculate. For inoculating Beans, Peas and Sweet Peas, garden size, 35c. For Alfalfa and Clovers, ½ bu. size, 60c.; 1 bu. size, $1.00; 2½ bu. size, $2.25; 10 bu. size, $8.00. For Cow Peas, Soy Beans, Canada Peas, Vetch, Beans, Peas and Sweet Peas, 1 bu. size, 60c.; 2 bu. size, $1.00; 5 bu. size, $2.25; 20 bu. size, $8.00. See also page 78.

Mum Manure (*Smith's*). Give your plants a quick start by using this manure. A perfect food for Mums and other flowers, either under glass or in the garden. 50 lbs., $5.50; $10.00 per 100 lbs.

Muriate of Potash. Apply 100 to 150 lbs. per acre, usually with other fertilizers. Excellent for potatoes, corn, grains, etc. Analysis, equal to 50 per cent. actual potash. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., $1.25; $2.25 for 50 lbs.; 100 lbs., $4.00; $7.50 for 200 lbs.; ½ ton, $33.00; $65.00 per ton.

Nitragin. A legume bacteria, the original soil inoculator; enriches the soil, increases yield; hastens maturity. Always state when ordering kind of seed you wish to inoculate. Garden size for Beans, Peas and Sweet Peas, 20c. For Beans, Peas. Sweet Peas, Alfalfa, Clovers, Vetch and Canada Peas, ¼ bu. size, 40c.; ½ bu. size, 60c.; 1 bu. size, $1.00; 5 bu. size, $4.75. For Cow Peas and Soy Beans, ½ bu. size, 40c.; 1 bu. size, 70c;. 5 bu. size, $2.50. See also page 78.

Nitrate of Soda. Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. If used in liquid form dilute 2 ozs. to 1 gal. of water and do not apply oftener than twice a week. 5 lbs., 50c.; 90c. per 10 lbs.; 25 lbs., $1.50; $2.75 per 50 lbs.; 100 lbs., $5.00; $9.00 per 200 lbs.; ½ ton, $42.50; $80.00 per ton.

Phosphate (*Michell's High Grade*). For all vegetable crops, grains, grass, etc. Apply 800 to 1000 lbs. per acre broadcast. 5 lbs., 30c.; 55c. per 10 lbs.; 25 lbs., $1.25; $2.00 per 50 lbs.; 100 lbs., $3.50; $6.00 per 200 lbs.; ½ ton, $26.50; $50.00 per ton.

Phosphate for Corn and Oats. Apply 800 lbs. per acre. $6.00 for 200 lbs.; per ½ ton, $25.00; $45.00 per ton.

Plantabbs. An odorless plant food in tablet form, for all plants in the house or garden; they dissolve in water almost instantly and make a wonderful liquid fertilizer. Per pkg. of 30 tablets, 25c; 50c for 65 tablets; 150 tablets, $1.00 (by P.P., $1.10) $3.50 per 1000 tablets (by P.P., $3.65).

Plant Life (*Zenke's*). A liquid plant food, tonic and fertilizer. It contains in concentrated form the elements of plant food in proper proportion for absorption by the plant. Per 8 oz., 30c. (by parcel post, 40c.); $3.75 per gal.

Plant Food (*Michell's*). A highly concentrated chemical fertilizer for house, garden or conservatory. Clean, odorless and producing early and abundant blossoms of rich and brilliant color, and healthy, luxuriant plants. Analysis; Nitrogen, 2½%; available phosphoric acid, 7%; potash, 2%. Per 5 oz. pkg., 20c. (by P. P., 25c.); 30c. per 12 oz. pkg. (by P. P., 40c.).

Potato Fertilizer (*Michell's*). Apply at the rate of from 800 to 1000 lbs. per acre. 25 lbs., $1.25; $2.00 per 50 lbs.; 100 lbs., $3.50; $6.00 per 200 lbs.; ½ ton, $26.50; $50.00 per ton.

If small quantities of Fertilizers listed are wanted by parcel post, please add for postage as follows: 15c. for 3 lbs.; 20c. for 5 lbs.; 30c. for 10 lbs.

Rose Food (*Springfield*). An organic fertilizer, containing the vital elements of plant life in scientifically correct proportions to make it an ideal food for roses. Will keep your bushes in splendid condition and produce an abundant crop of perfect blooms. 10 lbs., $1.25; $2.25 per 25 lbs.; 100 lbs., $6.50.

Sacco. A very complete and high grade fertilizer for general lawn and garden use; well balanced in feeding elements; easy to use; an ideal fertilizer for the amateur as well as the professional gardener. Directions on each package. Per lb., 25c.; 50c. per 5 lbs.; 10 lbs., 85c.; $1.75 per 25 lbs.; 50 lbs., $3.00; $5.00 per 100 lbs.; ½ ton, $47.50; $90.00 per ton.

Salt. For asparagus beds and putting on walks and roads to kill weeds. Apply 800 lbs. per acre in early spring. 25 lbs. 75c.; $1.25 for 50 lbs.; $2.00 per 100 lbs.; 200 lbs., $3.25; $13.00 per ½ ton; ton, $25.00.

Sheep Manure (*Wizard Brand*). Apply 1000 lbs. per acre. One of the most extensively used of animal manures. The analysis shows it to be a perfectly balanced plant food. For garden, lawn or greenhouse use, nothing surpasses sheep manure; it is clean and easily handled, besides giving immediate results. 3 lbs., 30c.; 45c. per 5 lbs.; 10 lbs., 70c.; $1.25 per 25 lbs.; 50 lbs., $2.00; $3.75 per 100 lbs.; 500 lbs., $18.00; $33.00 per ½ ton; per ton, $60.00.

Soot (*Imported Scotch*). This is used principally for bringing a good healthy color into the foliage of chrysanthemum and other greenhouse plants. Also destroys insects and grubs that work on top of and underneath the surface. 5 lbs., 75c.; $1.25 per 10 lbs.; 25 lbs., $2.00; $6.00 per 112 lbs.

Stim-U-Plant. A plant food in tablet form; contains highly concentrated, immediately available forms of plant food for use in stimulating all fruit, flower, vegetable and ornamental plants and may be used in tablet or in liquid form. Per pkg. of 30 tablets, 25c. (by P. P., 30c.); 75c. per pkg. of 100 tablets (by P. P., 85c.); 1000 tablets, $3.50 (by P. P., $3.65).

Sulphate of Ammonia. Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. A valuable fertilizer for all plants in which a large leaf development or rapid growth is desired; will stimulate growth almost immediately. Analysis equal to 25% of ammonia. 5 lbs., 75c.; $1.25 per 10 lbs.; 25 lbs., $1.75; $3.00 per 50 lbs.; 100 lbs., $5.00; $9.00 per 200 lbs.

Sulphate of Potash. Apply 100 to 125 lbs. per acre, usually with other fertilizers. On account of its great strength it must be used judiciously. Valuable for roots and grain crops. Analysis equal to 50% of actual potash. 5 lbs., 40c.; 70c. per 10 lbs.; 25 lbs., $1.50; $2.75 per 50 lbs.; 100 lbs.,; $4.50 $8.00 per 200 lbs.

Tankage. This is usually applied to plants such as roses, etc., under glass. It is similar to dried blood. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., $1.25; $2.00 per 50 lbs.; 100 lbs., $3.75; $6.75 per 200 lbs.

Terogen. A new autumn and winter ground dressing acting both as a fertilizer and an insecticide. Per 1 lb. tin, 75c.; $1.25 per 2 lb. tin; 5 lb. tin, $2.75; $4.75 per 10 lb. tin; 25 lb. tin, $11.00; $40.00 per 100 lb. keg.

Tobacco Stems. For fumigating, mulching and fertilizing, these are invaluable. The chief fertilizing element in them is the potash. Per lb., 10c.; 30c. per 5 lbs.; 10 lbs., 50c.; $1.00 for 25 lbs.; large bales at 2c. per lb.; per ½ ton, $15.00; $27.50 per ton.

Tree Food, Evergreen (*Michell's*). A wonderful fertilizer for fruit and shade trees; contains the three necessary elements to promote vigorous growth. 25 lbs., $1.75; $3.25 per 50 lbs.; 100 lbs., $6.00; $25.00 per 500 lbs.; ½ ton, $40.00; $75.00 per ton.

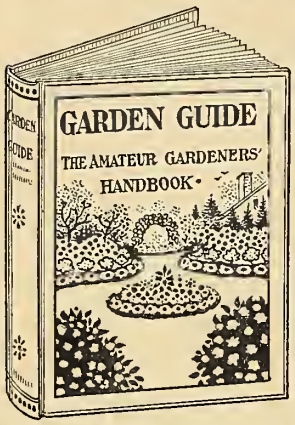
Vigoro. A specially prepared plant food for lawns, vegetable and flower gardens, shrubbery, trees, etc. 5 lbs., 75c.; $1.75 per 25 lbs.; 50 lbs., $3.25; $5.50 per 100 lbs.

Wheat Fertilizer. For grass and grain crops. Apply 800 lbs. per acre. $5.25 per 200 lbs.; ½ ton, $23.75; $45.00 per ton.

Wonder Worker Fertilizer. An extremely high grade animal base fertilizer, adapted for growing all vegetable crops; will not burn and not being a chemical product, no special instructions are necessary. 100 lbs., $5.50; $10.00 per 200 lbs.; 500 lbs., $24.00; $42.50 per ½ ton; ton, $70.00.

Wood Ashes. See ashes at top of opposite page.

BOOKS On Horticulture, Agriculture and Kindred Subjects



Here is a selection of books, that are thoroughly up-to-date, practical and comprehensive. Written by authors of national reputation—outstanding men who figure prominently in the various places of garden and farm work. These books will show you how to raise bigger and better crops—better your condition—increase your efficiency—add to your income. Read and make your reading count.

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Makes All Plants Grow!

Wizard will make your lawn and garden the envy of the neighborhood. It is a highly concentrated sheep manure, free from straw and rubbish, with all weed seeds killed. This natural fertilizer makes hard worn-out soils rich and fertile. It supplies the humus and natural plant food that puts new life and beauty into all plants.

Best Fertilizer for Lawns and Gardens Because Manure Builds Up the Soil



A Practical and Profitable Fertilizer for the Fruit and Vegetable Grower!



A Wonderful Plant Food for Florists, Home Owners and Landscape Cardeners!

Few fertilizers or plant foods have the lasting soil improving characteristics of Wizard. It is economical and goes a long way because ONE BAG EQUALS A WHOLE WAGON LOAD OF STABLE MANURE. Everybody can get wonderful results with Wizard because it will not burn plants and is safe for every purpose.

LAWNS AND GARDENS. Wizard produces thick, velvety, green lawns of lasting beauty. Make an application early in Spring and you will be surprised at the new beauty it will develop. On old lawns broadcast, like sowing seed, 6 to 10 lbs. per 100 sq. ft., on new lawns 10 lbs. per 100 sq. ft. raked into the surface soil. Luxuriant green foliage and a wealth of vivid colored flowers quickly follow the use of Wizard. Mix well with the soil under new plantings and cultivate into the surface soil around established plants. Fine for vines, shrubs and trees.

VEGETABLES AND FRUIT. Every gardener knows that nothing equals manure for growing big crops of crisp, tender vegetables. Wizard will insure profitable crops on time for the early market. It also improves the color and flavor of fruit. Use 1000 to 1500 lbs. per acre.

FLORISTS. Wizard has been used by florists for over twenty years. It is of highest quality, safe and dependable for all crops under glass or in the field.

Wizard Brand Cow Manure

Shredded Cow Manure is unexcelled for mulching roses and for all plants requiring a cool, slow acting manure. It is especially valuable for binding loose, sandy soils. Wizard is preferred by the practical florist for preparing bench and potting soils and liquid manuring. Pulverized Cow Manure is the same quality but in finely pulverized form.

Avoid inferior substitutes by insisting on Wizard Brand

For Prices on Wizard Brand Manures, see Fertilizer section of this catalog

Michell's Zinnias, Giant Dahlia Flowered



(A) **Golden State**
(B) **Old Rose**
(C) **Crimson Giant**
Dream—Lavender turning to purple
Exquisite—Rose color
Oriole—Orange and gold
Polar Bear—Pure White
Scarlet Flame—Scarlet with blending of orange

Prices for above:
Pkt. 20c; 50c per large pkt.
Collection, 1 pkt. each 8 colors $1.25
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MIXED COLORS
Pkt. 15c; 30c per large pkt.; oz., $1.50

HENRY F. MICHELL CO. 518-516 MARKET ST. PHILA., PA.